

CATALOGUE

THE ENTIRE WORLD OF MOTUL

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MOTUL

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INHALT



MOTUL

THERE'S MORE THAN ONE GOOD REASON FOR MOTUL

THERE'S MORE THAN ONE GOOD REASON WHY PROFESSIONALS IN DEALERSHIPS, AUTOMOTIVE GARAGES AND ON THE PARTS MARKET OPT FOR MOTUL. THE MAIN CRITERIA INCLUDE, AMONG OTHERS:

- ✓

COMPLETE OFFER Make your selection from a product range of more than 110 engine lubricants. For cars, trucks, motorcycles, quads and scooters, through to special lubricants for the marine and garden sector. These are joined by a wide range of maintenance and care products for countless applications, together with safe, attractive margins for our partners thanks to our great loyalty to the specialist retailer. Motul products are reserved exclusively for dealerships, garages and specialists.
- ✓

INNOVATIVE SERVICE & PRODUCT IDEAS Engine lubricants by Motul are always state of the art – in some cases they are even streets ahead of engine development. And the professional system developed by Motul for cleaning engine interiors and fuel systems offers outstanding product characteristics.
- ✓

LESCOT: HIGH-QUALITY CAR CARE PRODUCTS For more than 40 years, Lescot has designed, manufactured and distributed maintenance products for major players in the automotive sector. Today, Lescot is an independent brand launching its own range of embellishment products, distributed exclusively by Motul in Germany.
- ✓

LUBRICANT RECOMMENDATION The Motul Lube Guide, available on www.motul.com, provides swift, reliable answers to your questions as to which Motul lubricant is suitable for which vehicle and which oil quantities are necessary.
- ✓

FINANCING OPTIONS FOR GARAGE EQUIPMENT Protect your cash flow and spread your financial arrangements for technical equipment over a longer period of time. Just ask us about a customized solution to suit your requirements when the need arises.
- ✓

PERSONAL SUPPORT We will always serve you with one and the same contact partner. Our employees are qualified professionals; they offer a wealth of technical know-how and know your needs. They react promptly and reliably to your questions and requests.
- ✓

TRAININGS & SEMINARS If you want to know all about oil, how it is marketed and how to use it in practice, then you're cordially invited to attend our training courses.
- ✓

MOTULEVO Now, offer professional service and care for automatic, DSG and CVT transmissions to your customers and generate additional turnover. We are happy to support you.

THE NEW TRAINING CO

Products for Cars & Trucks	A	01
Lube Guide	B	01
Motorcycle & Powersport Products	C	01
Marine, Garden & Agriculture Products	D	01
Equipment & Accessories	E	01
Trainings & Seminars	F	01
Sales Promotion	G	01
Advertising Material	H	01
Clothing	I	01

For all offers, services and deliveries presented, solely the terms and conditions of sales and delivery of MOTUL Deutschland GmbH are valid. They will be made available at your request.

MOTUL – ONE OF THE OLDEST OIL BRANDS



NO OTHER OIL BRAND IS SO CLOSELY RELATED TO THE HISTORY OF LUBRICANT DEVELOPMENT AS MOTUL

With its Paris headquarters and branches respectively importers all over the world, Motul is one of the leading global players in the lubricant industry and looks back with pride on a company history that is full of traditions – right back to the year 1853, when the company was founded and Motul was one of the first oil brands to be registered in the USA. Since then, the development of innovative products has been an integral part of the corporate philosophy. The world's first multi-grade oil was developed in 1953, for example. In 1966, Motul also pioneered the development of the first semi-synthetic engine lubricant, followed in 1971 by the first 100% synthetic engine lubricant – product developments which emerged from Motul's racing commitment, which was already strong in those days. Practically no engines back then were capable of exploiting this performance to the full. After all, Motul's claim has always been to develop products today for the engines of tomorrow. This was illustrated among others with the start of the second oil crisis in the 1980s, when Motul launched a fuel-saving engine lubricant on the market. This innovative power remains undiminished right through to the present day. Motul also sets new accents in product areas that appear to be largely exhausted. For example, Motul was the world's first manufacturer to receive approvals for the engine lubricant 6100 Synergie+ 10W40 from VW and Mercedes-Benz, which are otherwise only awarded to products from viscosity class 5W40.

AS A PREMIUM BRAND, MOTUL HAS BECOME AN INTEGRAL PART OF THE PROFESSIONAL SCENE

Motul – that's more than just oil. Whether in racing, for our dealership and garage partners or their customers, those who opt for Motul will be among the winners. There are good reasons for this. With its consistent loyalty to the specialist retailing sector, for decades Motul has combined all the advantages of a major brand: innovative products, reliable quality, a full range with a good margin and, last but not least, a varied range of sales promotion measures. Experts have honoured these outstanding characteristics time and again with the top ranking in terms of customer satisfaction and the "Best Brands" accolade in the oil/lubricant category (source: Bike & Business motorcycle market analysis 2007 to 2013).

ALL FROM PROFESSIONAL HANDS



SO THAT YOUR SALES ACTIVITIES RUN SMOOTHLY AND AT A PROFIT

Our regional sales manager will come to your business and provide personal advice in putting together a product assortment that will help to boost your sales – from engine lubricants via maintenance and care products through to complete campaign packages. He helps you to use sales promotion and advertising materials. He will be at your side when planning individual events such as open days, season launch parties, summer parties, company jubilees and much more besides. Together with our internal sales staff, he will also assist you in dealing with any questions about the ordering and delivery processes – just give him a call. We'll help you wherever we can.

MORE THAN JUST A GOOD NAME

Similarly to the dealership sector, our regional sales manager also acts as the personal "interface" between your business and Motul. He analyzes your oil needs and suggests a quantities structure on a fixed or flexible basis at reasonable conditions. He will inform you for example how with just four grades of Motul oil you can always have the right engine lubricant at the ready for nearly all cars, or how you can protect your cash flow when purchasing new garage equipment. He will also gladly work out how much more turnover you can generate by offering your customers the Motul System Care Plus service with every oil change. Use Motul as the business card for your business. You'll soon see: it's worthwhile!

CLOSE TO THE CUSTOMER, GOOD FOR BUSINESS

It all begins in your business premises, with perfect product placement in our top quality sales shelves such as Vision II and Multi-4-Star or in the robust campaign displays. The Motul brand is presented among others on flags and tapes, illuminated signs, window and door stickers and in the form of an unusual coffee corner with all the trimmings. Outside your premises, we reach your customers with advertisements in special interest magazines and through broad-based PR activities, together with our presence at various trade fairs and events. This is how we ensure that you profit from Motul right across the board.

TRAININGS & SEMINARS

Our trainings and seminars have only one objective: to acquaint your employees with the very latest engine lubricant technology and professional application know-how.

MOTUL IS PURE PASSION

HISTORY & TRADITION

As one of the longest-standing lubricant producers in the world, Motul has always stood for pioneering, revolutionary products. The cornerstone was laid in 1932 on setting up a network of distributors in France. The 100th company jubilee in 1953 then

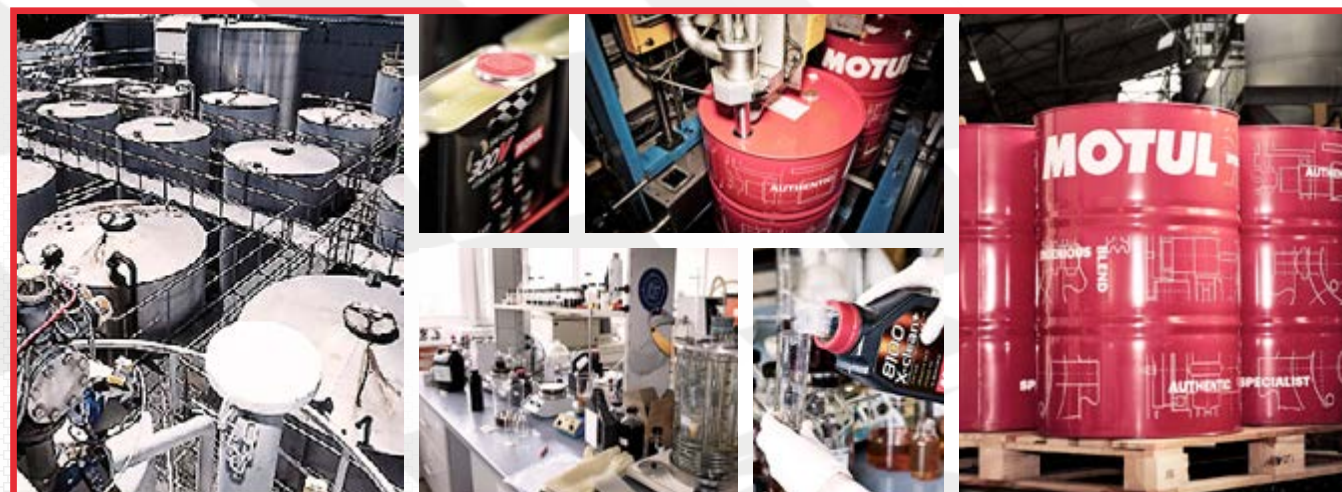
marked the start of a new phase with a further era of innovative lubricants. Since then, Motul has also been a key player in car and motorbike racing.



PRODUCTION & LOGISTICS

Several hundred thousand litres of top quality engine lubricants, transmission oils and other lubricants leave the Motul factory in Vaires-sur-Marne, France, every single day. Top quality resulting from permanent control, innovation and development puts Motul

right at the head of the market. From the German warehouse site at Menden in North Rhine-Westphalia, the Motul quality products are then supplied punctually and reliably to all customers throughout Germany by the logistics partner DHL.



MOTUL IS SUCCESS

STRATEGY & EXPERTISE

For many years, we have been attending various trade fairs and shows. Whether at classic events or motorcycle meetings such as the MotoGP at Sachsenring, Motul is always available on site with a team of experts to deal with your questions and requests. This

further consolidates and enhances the reputation of the brand. Thanks to its pioneering products and strong branding, Motul already enjoys a leading position on the market.



COMMITMENT & SPONSORING

Motul was already represented in the main racing disciplines way back in the 1950s. This commitment has given rise to a continuing, successful presence at national and international racetracks. Racing was, is and remains one of the greatest challenges in the

development of pioneering high-performance oils. After all, nowhere else will the test conditions be harder and more realistic than here where man and material go to the limits in order to win.



PRODUCTS FOR CARS & TRUCKS

CAR	
Car engine oil	A 03
Car gear oil	A 12
Brake fluid	A 17
Coolant	A 18
Others	A 19
Grease	A 20
Motul System Care	A 20
WORKSHOP RANGE	A 21
TRUCK	
Truck engine oil	A 23
Truck gear oil	A 28
MotulTech hydraulic fluid	A 29
Truck grease	A 31
LESCOT	A 31

Motul offers you all you need as a good full-range supplier: mineral-based oils, semi-synthetic and 100% synthetic oils, ester-based racing oils, special oils and gear oils, to ensure you always have the right oil for each specific engine. Needless to say that Motul also covers all manufacturer requirements.



ARTICLE	DESCRIPTION	ART. NO.	PACKAGING [L]	QUANTITY PER BOX
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ENGINE OIL – 100% SYNTHETIC



8100 ECO-LITE OW20

100% synthetic, fuel-saving ultra low-viscosity ester-based engine oil. Particularly suited for use in Euro-4, Euro-5 and Euro-6 engines thanks to the reduced levels of sulphur, phosphorous and sulphate ash. Reduced HTHS viscosity. Recommended for Toyota IQ, Auris and Avensis from model year 2009.

Standards: API SN/(CF), ILSAC GF-5

104981	1	12
104982	4	4
104983	5	4
104985	60	
104986	208	



8100 ECO-CLEAN OW30

100% synthetic, fuel-saving low-viscosity engine oil for modern Euro-5 and Euro-6 engines with reduced levels of sulphur, phosphorous and sulphate ash. Recommended for Toyota, Honda and Subaru diesel engines with DPF.

Standards: ACEA C2, API SN/(CF)

Approvals: Ford WSS M2C 950A

Performance: Fiat 9.55535-GS1 / DS1

102888	1	12
102889	5	4
104655	20	
102890	60	



8100 ECO-ENERGY OW30

100% synthetic, fuel-saving low-viscosity engine oil for modern gasoline and diesel engines for which the manufacturer stipulates an ACEA A5/B5 lubricant with OW30 viscosity. Recommended for Volvo and Land Rover.

Standards: ACEA A5/B5, API SL/(CF)

Approvals: Volvo VCC 95200377

102793	1	12
102794	5	4
104652	20	
102947	60	
106640	208	



8100 X-MAX OW40

100% synthetic high-performance engine oil for the very latest generation of vehicles driven by high-powered gasoline or diesel engines (without DPF) with direct injection. Particularly recommended for high-performance engines e.g. by BMW and Mercedes.

Standards: API SN/(CF), ACEA A3/B4

Approvals: BMW LL-01, MB-Approval 229.5, Porsche A40, VW 502 00 - 505 00

104531	1	12
104532	4	4
104533	5	4
104534	20	
104535	60	
105769	208	



8100 ECO-CLEAN 5W30

100% synthetic engine oil for Euro-4, Euro-5 and Euro-6 engines with 3-way catalytic converter or soot particulate filter. With reduced levels of sulphur, phosphorous and sulphate ash; also with reduced HTHS viscosity to cut down on fuel consumption. Recommended for modern Suzuki gasoline engines and for Honda, Toyota and Subaru diesel engines with DPF.

Standards: ACEA A5/B5-04, C2, API SN/(CF)

Performance: Fiat 9.55535-S1, PSA B71 2290

101542	1	12
101545	5	4
103986	20	
101546	60	
101547	208	
104266	1000	

ARTICLE	DESCRIPTION	ART. NO.	PACKAGING [L]	QUANTITY PER BOX
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8100 ECO-CLEAN+ 5W30

100% synthetic engine oil for gasoline and diesel engines with 3-way catalytic converter or soot particulate filter. With low levels of sulphur, phosphorous and sulphate ash. Reduced HTHS viscosity to cut down on fuel consumption. Recommended for Mazda 5- and 6-series diesel engines with DPF.

Standards: ACEA A5/B5-04, C1, JASO DL-1

Approvals: Ford WSS M2C 934B, Jaguar Land Rover STJLR.03.5005

101580	1	12
101584	5	4
101585	60	
101586	208	



8100 ECO-ENERGY 5W30

100% synthetic engine oil, recommended for vehicles requiring engine oil with reduced HTHS viscosity. Up to 10% fuel savings. Clean combustion, outstanding corrosion and wear protection, therefore perfect engine cleanliness.

Standards: ACEA A5/B5, API SL/(CF)

Approvals: Renault RN0700, Ford WSS M2C 913D (downwards compatible with WSS M2C 913A / B / C), Jaguar Land Rover STJLR.03.5003

102782	1	12
104257	4	4
102898	5	4
103987	20	
102900	60	
102901	208	



8100 X-CCESS 5W40

100% synthetic engine oil for modern gasoline and diesel engines, also with direct injection. Noticeable fuel savings thanks to perfect low-viscosity properties. Long service life and engine protection even for long change intervals.

Standards: ACEA A3/B4, API SN/(CF)

Approvals: VW 502 00 - 505 00, Renault RN0700, RN0710, Porsche A40, MB-Approval 229.5, MB-Approval 226.5, BMW LL-01

Performance: Opel GM LL-B-025, Fiat 9.55535-H2 / -M2 / -N2 / -Z2, PSA B71 2296

102784	1	12
102869	2	12
104256	4	4
102870	5	4
103988	20	
102872	60	
102873	208	
102874	1000	



8100 X-CLEAN+ 5W30

100% synthetic engine oil for modern gasoline and diesel engines fulfilling Euro-4, Euro-5 and Euro-6. High HTHS viscosity and reduced levels of sulphur, phosphorous and sulphate ash.

Standards: ACEA A3/B4-04, C3

Approvals: VW 504 00 - 507 00, Porsche C30, MB-Approval 229.51, BMW LL-04

106376	1	12
106377	5	4
103989	20	
102261	60	
102262	208	
102979	1000	



8100 X-CLEAN FE 5W30

100% synthetic lubricant – Mid SAPS ACEA C2 & C3 specially designed to bring Fuel Economy (FE) and maximum protection. Suitable for the latest generations of Euro-4, Euro-5 and Euro-6 engines. Compatible with catalytic converters and Diesel Particulate Filters (DPF).

Standards: API SN/(CF), ACEA C2, C3

Approvals: MB-Approval 229.51, VW 502 00 - 505 01, PSA B71 2290, GM-Opel dexos2® (replaces GM-LL-A-025 and B-025)

Performance: FIAT 9.55535-S1 / S3

104775	1	12
104776	4	4
104777	5	4
104778	20	
104779	60	
104780	208	
105761	1000	

PRODUCTS FOR
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SALES PROMOTION


ADVERTISING
MATERIAL

CLOTHING


ARTICLE	DESCRIPTION	ART. NO.	PACKAGING [L]	QUANTITY PER BOX
	8100 X-CLEAN EFE 5W30 100% synthetic engine oil – Mid SAPS ACEA C2 & C3 specially designed to cut down on fuel consumption and to bring maximum protection against wear in modern Euro-4, Euro-5 und Euro-6 engines. Compatible with catalytic converters and Diesel Particulate Filters (DPF). Standards: API SN, ACEA C2, C3 Approvals: MB-Approval 229.52, BMW LL-04, GM-Opel dexos2® (replaces GM Opel LL-A/B-025) Performance: Fiat 9.55535-S1 / S3	107210	1	12
		107206	5	4
		107202	60	
		107204	208	


	8100 X-CLEAN 5W30 100% synthetic engine oil for modern gasoline and diesel engines fulfilling Euro-4, Euro-5 and Euro-6. High HTHS viscosity and reduced levels of sulphur, phosphorous and sulphate ash. Standards: ACEA A3/B4-04, C3, API SM/(CF) Approvals: BMW LL-04 Performance: MB 229.51, VW 502 00 - 505 00	102785	1	12
		102020	5	4
		103990	20	
		102025	60	
		102028	208	
		102476	1000	


	8100 X-CLEAN 5W40 100% synthetic engine oil for modern gasoline and diesel engines fulfilling Euro-4, Euro-5 and Euro-6. High HTHS viscosity and reduced levels of sulphur, phosphorous and sulphate ash. Standards: ACEA A3/B4-04, C3, API SN/(CF) Approvals: VW 502 00 - 505 00 - 505 01, Renault RN0700, RN0710, Porsche A40, Opel GM dexos2™ (downwards compatible with GM Opel LL-A / B-025), MB-Approval 229.51, Ford WSS M2C 917A (Galaxy with pump nozzle), BMW LL-04 Performance: Fiat 9.55535-S2	102786	1	12
		102049	2	12
		104720	4	4
		102051	5	4
		103991	20	
		102053	60	
		102054	208	
		102477	1000	


	8100 X-POWER 10W60 100% synthetic high-performance lubricant specially designed for gasoline and diesel engines (without DPF). Particularly recommended for naturally aspirated, compressed or turbocharged engines, e.g. old BMW M Series, Ferrari V12, Maserati, Aston Martin. Excellent high temperature stability, perfect protection from wear and stable oil pressure. Standards: API SN/(CF), ACEA A3/B4	106142	1	12
		106143	4	4
		106144	5	4
		106145	60	
		106146	208	

ENGINE OIL – TECHNOSYNTHESE®


	6100 SYNERGIE+ 10W40 Low-viscosity engine oil based on Motul Technosynthese® for gasoline and diesel engines with or without supercharging including common rail injection. Also suitable for vehicles with LPG. Standards: ACEA A3/B4, API SN/(CF) Approvals: VW 502 00 - 505 00, Renault RN0700, RN0710, MB-Approval 229.3 Performance: BMW special oil (up to model year 1998), PSA B71 2300, Porsche up to model year 2002	102781	1	12
		101488	2	12
		101491	4	4
		101493	5	4
		103985	20	
		101495	60	
		101497	208	
		101498	1000	

ARTICLE	DESCRIPTION	ART. NO.	PACKAGING [L]	QUANTITY PER BOX
	4100 TURBOLIGHT 10W40 Semi-synthetic low-viscosity engine oil for gasoline and diesel engines with or without supercharging. Also suitable for vehicles with LPG. Standards: ACEA A3/B4, API SM/(CF) Approvals: VW 501 01 - 505 00, MB-Approval 229.1, Renault RN0700 Performance: PSA B71 2300	102774	1	12
		100350	2	12
		100355	4	4
		100357	5	4
		100351	20	
		100360	60	
		100361	208	
		100362	1000	


	4100 POWER 15W50 All-year oil based on Motul Technosynthese®. Reduces wear-induced oil consumption in older vehicles or those with high mileage thanks to low evaporation losses and high sealing effect in piston ring area on account of increased high-temperature viscosity. Standards: ACEA A3/B3, API SL/(CF) Approvals: VW 501 01 - 505 00, MB-Approval 229.1	102773	1	12
		100273	5	4
		104248	20	
		100275	60	
		100277	208	

	2100 POWER+ 10W40 Partly synthetic engine oil for gasoline and diesel engines with or without turbocharger. Standards: ACEA A3/B4, API SL/(CF) Approvals: VW 501 01 - 505 00, MB-Approval 229.1, Renault RN0700 Performance: PSA B71 2300	102770	1	12
		103975	20	
		100018	60	
		100020	208	
		100021	1000	

ENGINE OIL – MINERAL

	4000 MOTION 15W40 All-year mineral engine oil for vehicles with gasoline and diesel engines including turbocharger. Reliable protection from oil sludge. Low oil consumption tendency. Suitable for catalytic converters. High wear and corrosion protection. Standards: ACEA A3/B3, API SL/(CF) Approvals: MB-Approval 229.1	102815	1	12
		100295	5	4
		100297	60	
		100299	208	

ENGINE OIL – SPECIFIC

	SPECIFIC 504 00 - 507 00 OW30 100% synthetic high-performance engine oil with reduced levels of reduced levels of sulphur, phosphorous and sulphate ash (Low SAPS), specially optimized for reduced fuel consumption of modern vehicles from the VAG group (Volkswagen, Audi, Skoda and Seat). Reduced fuel consumption – lower CO2 emissions and higher protection against wear. Manufacturer service documents and recommendations must be observed before use! Not to be used for R5 and V10 TDi engines up to model year 12/2006, here use only Specific 506 01 - 506 00 - 503 00 SAE OW30. Standards: ACEA C3 Approvals: VW 504 00 - 507 00	107049	1	12
		107050	5	4
		107051	60	

ARTICLE	DESCRIPTION	ART. NO.	PACKAGING [L]	QUANTITY PER BOX
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SPECIFIC 504 00 - 507 00 5W30

100% synthetic engine oil for VW, Audi, Skoda and Seat, for Euro-4, Euro-5 and Euro-6 engines with 3-way catalytic converter or soot particulate filter. For extended change intervals or standard interval, can be used for all engines including pump nozzle diesel engines. Also for vehicles requiring VW 506 01, 506 00, 503 00, 503 01, 505 01, 505 00 and 502 00 approvals (apart from R5 and V10 TDi engines up to model year 12/2006, here use only Specific 506 01 - 506 00 - 503 00).

Standards: ACEA C3

Approvals: VW 504 00 - 507 00

106374	1	12
106375	5	4
104006	20	
101477	60	
101479	208	



SPECIFIC 506 01 - 506 00 503 00 0W30

100% synthetic low-viscosity engine oil specially for diesel engines with pump nozzle injection technology with fixed service intervals.

Standards: ACEA A5/B5

Approvals: VW 506 01 - 506 00 - 503 00

106429	1	12
106437	5	4



SPECIFIC 505 01 - 502 00 5W40

100% synthetic low-viscosity engine oil specially for diesel engines by VW, Audi, Seat and Skoda with fixed service intervals. Also for diesel engines with pump nozzle injection without particulate filter.

Standards: ACEA C3

Approvals: VW 505 01 - 502 00, Ford WSS M2C 917A

101573	1	12
101575	5	4
104305	20	
101576	60	
101578	208	



SPECIFIC 0720 5W30

100% synthetic high-performance oil for the latest generation of Renault Euro-4, Euro-5 and Euro-6 engines. Reduced fuel consumption, low evaporation losses. Excellent thermal stability and high ageing resistance protect both the engine and the environment. Specially for engines with diesel particulate filter.

Standards: ACEA A3/B4-04, C4

Approvals: Renault RN0720

Performance: MB 226.51

102208	1	12
102209	5	4
104309	20	
102210	60	
102396	208	



SPECIFIC 2312 0W30

100% synthetic lubricant – specially designed for the latest generation of "BlueHDi" diesel engines with SCR and DPF from PSA group requiring an approved PSA B71 2312 engine oil. Suitable for all gasoline engines and diesel engines with DPF.

Standards: ACEA C2

Approvals: PSA B71 2312

106413	1	12
106414	5	4
105740	60	
105741	208	

ARTICLE	DESCRIPTION	ART. NO.	PACKAGING [L]	QUANTITY PER BOX
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SPECIFIC RBSO-2AE 0W20

100% synthetic high-performance engine oil specially designed for the latest generation of Volvo "Drive-E" engines requiring an approved "RBSO-2AE" engine oil in viscosity 0W20. Suitable for gasoline and diesel engines.

Standards: ACEA A1/B1

Approvals: VCC RBSO-2AE

106044	1	12
106045	5	4
106046	20	
106047	208	



SPECIFIC 913 D 5W30

100% synthetic high-performance engine oil with reduced HTHS viscosity for low fuel consumption. For Ford diesel engines and certain gasoline engines (see technical data sheet).

Standards: ACEA A5/B5

Approvals: Ford WSS M2C 913D (downwards compatible with Ford WSS M2C 913A / B / C)

104559	1	12
104560	5	4
104561	20	
104562	60	
104563	208	



SPECIFIC 948 B 5W20

100% synthetic high-performance engine oil with reduced HTHS viscosity for particularly low fuel consumption. Ford WSS M2C 948B is specified for the new 3-cylinder 1.0 L EcoBoost engines. Can also be used for the latest Ford gasoline engines (apart from Ford Ka, Focus RS and Focus ST). May also be used when the standards WSS M2C 913B, 913C or 925B are specified.

Standards: ACEA A1/B1, API SN

Approvals: Ford WSS M2C 948B, Jaguar Land Rover STJLR 03.5004

106317	1	12
106352	5	4
104424	20	
106645	60	
105609	208	



SPECIFIC 229.52 5W30

100% synthetic engine oil specially for reduced fuel consumption in current Mercedes-Benz gasoline and diesel engines. Optimized for BlueTec models with SCR exhaust gas aftertreatment. Outstanding ageing stability.

Standards: ACEA C3, API SN/(CF)

Approvals: MB-Approval 229.52 (downwards compatible with MB-Approval 229.51 and MB-Approval 229.31)

104844	1	12
104845	5	4
104846	20	
104847	60	
104848	208	



SPECIFIC DEXOS2™ 5W30

100% synthetic engine oil specially for vehicles by GM Europe for Euro-4, Euro-5 and Euro-6 gasoline and diesel engines (Opel, Vauxhall and Saab). Suitable for all kinds of fuel such as gasoline, diesel, biodiesel, bioethanol – E85, natural gas and LPG.

Standards: ACEA C3, API SN/(CF)

Approvals: Opel GM dexos2™ (downwards compatible with GM LL-A / B-025)

102638	1	12
102643	5	4
104008	20	
102645	60	
102646	208	

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ADVERTISING
MATERIAL

CLOTHING

ARTICLE	DESCRIPTION	ART. NO.	PACKAGING [L]	QUANTITY PER BOX
	SPECIFIC CNG / LPG 5W40 100% synthetic engine oil for engines that run on natural gas, LPG or gasoline and LPG. Low-ash formula with reduced levels of sulphate ash, phosphorous and sulphur. High temperature stability. Standards: ACEA A3/B4-04, C3, API SM/(CF)	101717	1	12
		101719	5	4
		101720	60	

ENGINE OIL – HYBRID

	HYBRID OW20 100% synthetic engine oil for internal combustion engines. Specially for Hybrid (HEV) and Plug-in Hybrid (PHEV) vehicles fitted with gasoline engines for which OW20 viscosity grade is required by the manufacturer. Fuel Economy, excellent cold start, low oil consumption, compatible with catalytic converters. Refer to the owner's manual before use! Standards: API SERVICE SN RC - ILSAC GF-5 Recommendations: Nissan Hybrid, Honda Hybrid, Toyota Hybrid	107141	1	12
		107142	4	4
		107143	20	
		107144	208	




HYBRID OW16

100% synthetic engine oil for internal combustion engines. Specially for Hybrid (HEV) and Plug-in Hybrid (PHEV) vehicles fitted with gasoline engines for which OW16 viscosity grade is required by the manufacturer. Fuel Economy, excellent cold start, low oil consumption, compatible with catalytic converters. Refer to the owner's manual before use!

Standards: API SERVICE SN

Recommendations: Honda Hybrid, Toyota Hybrid

107153	1	12
107154	4	4




HYBRID OW12

100% synthetic engine oil for internal combustion engines. Specially for Hybrid (HEV) and Plug-in Hybrid (PHEV) vehicles fitted with gasoline engines for which OW12 viscosity grade is required by the manufacturer. Fuel Economy, excellent cold start, low oil consumption, compatible with catalytic converters. Refer to the owner's manual before use!

Recommendations: Honda Hybrid, Toyota Hybrid

107151	1	12
107152	4	4





HYBRID OW8

100% synthetic engine oil for internal combustion engines. Specially for Hybrid (HEV) and Plug-in Hybrid (PHEV) vehicles fitted with gasoline engines for which OW8 viscosity grade is required by the manufacturer. Fuel Economy, excellent cold start, low oil consumption, compatible with catalytic converters. Refer to the owner's manual before use!

Recommendations: Honda Hybrid, Toyota Hybrid

107155	1	12
107156	4	4


ARTICLE	DESCRIPTION	ART. NO.	PACKAGING [L]	QUANTITY PER BOX
ENGINE OIL – CLASSIC				
	CLASSIC OIL SAE 30 Mineral single-grade oil for engines and gearboxes in vehicles made between 1900 and 1950. Specially for vehicles in this period without oil filter. Can also be used as running-in oil. Contains no EP additives and is fully compatible with non-ferrous metals and alloys such as copper, brass and bronze. For constant oil pressure and uniform compression. Minimizes oil losses thanks to viscosity perfectly rated to classic vehicles.	104509	2	6




CLASSIC OIL SAE 50


Mineral single-grade oil for engines and gearboxes in vehicles made between 1900 and 1950. Specially for vehicles in this period without oil filter. Can also be used as running-in oil. Contains no EP additives and is fully compatible with non-ferrous metals and alloys such as copper, brass and bronze. For constant oil pressure and uniform compression. Minimizes oil losses thanks to viscosity perfectly rated to classic vehicles.

104510	2	6
102365	60	

	CLASSIC OIL 15W50 Semi-synthetic engine oil with modern additive technology. For engines in original condition with or without turbocharger from the period after 1970. Synthetic raw materials improve ageing resistance and shear stability for stable oil pressure. Standards: API SH/(CF)	104512	2	10

	CLASSIC OIL 20W50			
	Mineral multi-grade engine oil for vehicles from model year 1950 to 1970.			
	The perfectly rated viscosity compensates for wear-induced oil consumption generated by high mileage and by production tolerances. Optimum protection from corrosion and wear.			
	Standards: API SF/(CC)			
		104511	2	10
		101268	60	

ENGINE OIL – RACING

	SPORT 5W50			
	100% synthetic ester-based lubricant specially designed for the very latest generation of vehicles driven by performance tuned turbo-charged, supercharged gasoline and diesel multi-valve fuel injection engines (without DPF). Outstanding wear protection and excellent high temperature stability for optimum performance and acceleration.			
	Standards: API SM/(CF)			

103048	1	12
102716	5	4

ARTICLE	DESCRIPTION	ART. NO.	PACKAGING [L]	QUANTITY PER BOX
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300V SPRINT OW15

100% synthetic high-performance engine oil based on the new, exclusive Motul Ester Core® technology. Improves the performance of the very latest racing sport engines with reliable protection from wear, pressure oil loss and oil ageing, even under extremely high thermal loads. Reduced HTHS viscosity. Recommended specially for short distances, sprint racing and qualifying. Exceeds existing racing sport standards.

104238	2	6
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300V HIGH RPM OW20

100% synthetic high-performance engine oil based on the new, exclusive Motul Ester Core® technology. Improves the performance of the very latest racing sport engines with reliable protection from wear, pressure oil loss and oil ageing, even under extremely high thermal loads. Reduced HTHS viscosity. Recommended specially for short distances, sprint racing and qualifying. Exceeds existing racing sport standards.

104239	2	6
103979	20	



300V POWER RACING 5W30

100% synthetic high-performance engine oil based on the new, exclusive Motul Ester Core® technology. Improves the performance of the very latest racing sport engines with reliable protection from wear, pressure oil loss and oil ageing, even under extremely high thermal loads. Reduced HTHS viscosity. Recommended specially for short distances and rallies. Exceeds existing racing sport standards.

104241	2	10
103982	20	



300V TROPHY OW40

100% synthetic high-performance engine oil based on the new, exclusive Motul Ester Core® technology. Improves the performance of the very latest racing sport engines with reliable protection from wear, pressure oil loss and oil ageing, even under extremely high thermal loads. High HTHS viscosity. Recommended specially for rallies and GT racing and short distances. Exceeds existing racing sport standards.

104240	2	10
103983	20	



300V POWER 5W40

100% synthetic high-performance engine oil based on the new, exclusive Motul Ester Core® technology. Improves the performance of the very latest racing sport engines with reliable protection from wear, pressure oil loss and oil ageing, even under extremely high thermal loads. High HTHS viscosity. Recommended specially for short distances and rallies. Exceeds existing racing sport standards.

104242	2	10
103981	20	
103134	60	

ARTICLE	DESCRIPTION	ART. NO.	PACKAGING [L]	QUANTITY PER BOX
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300V CHRONO 10W40

100% synthetic high-performance engine oil based on the new, exclusive Motul Ester Core® technology. Improves the performance of the very latest racing sport engines with reliable protection from wear, pressure oil loss and oil ageing, even under extremely high thermal loads. High HTHS viscosity. Recommended specially for qualifying and GT racing. Exceeds existing racing sport standards.

104243	2	10
103977	20	
103137	60	



300V COMPETITION 15W50

100% synthetic high-performance engine oil based on the new, exclusive Motul Ester Core® technology. Improves the performance of the very latest racing sport engines with reliable protection from wear, pressure oil loss and oil ageing, even under extremely high thermal loads. High HTHS viscosity. Recommended specially for long-distance and circuit racing. Also suitable for reconditioned engines of historic vehicles. Exceeds existing racing sport standards.

104244	2	10
103920	5	4
103978	20	
103140	60	



300V LE MANS 20W60

100% synthetic high-performance engine oil based on the new, exclusive Motul Ester Core® technology. Improves the performance of the very latest racing sport engines with reliable protection from wear, pressure oil loss and oil ageing, even under extremely high thermal loads. High HTHS viscosity. Recommended specially for long-distance racing. Also suitable for reconditioned engines of historic vehicles. Exceeds existing racing sport standards.

104245	2	10
103980	20	
103143	60	

CAR GEAR OIL



GEAR 300 75W90

100% synthetic low-viscosity ester-based gear oil for manual gearboxes and rear axle drives under extreme loads. High temperature stability with particularly high pressure absorption capacity.

Standards: API GL 4+5

105777	1	12
103994	20	
100120	60	













GEAR 300 LS 75W90

100% high-performance ester-based gear oil specially for use in manual gearboxes and differentials with limited slip under high loads. Suitable for everyday use and for racing.

Standards: API GL 5

105778	1	12
103716	20	

ARTICLE	DESCRIPTION	ART. NO.	PACKAGING [L]	QUANTITY PER BOX
	GEAR COMPETITION 75W140 100% synthetic gear oil specially for racing gearboxes and rear axle drives with and without limited slip. Standards: API GL 5	105779	1	12
		103995	20	
	MOTYLGEAR 75W90 Gear oil based on Motul Technosynthese® for 5-speed gearboxes and hypoid drives without limited slip. The special additives reduce friction and protect from corrosion. Standards: API GL 4+5	105783	1	12
		106467	5	4
		104000	20	
		100095	60	
	MOTYLGEAR 75W80 Gear oil based on Motul Technosynthese® for manual gearboxes and hypoid drives without limited slip. For manual gearboxes made by Renault, Citroen and Peugeot. Standards: API GL 4+5	105782	1	12
		106466	5	4
		103999	20	
		101157	60	
	GEARBOX 80W90 Semi-synthetic hypoid gear oil with MoS ₂ additives against wear and high thermal loads. Particularly recommended for manual gearboxes and axle drives exposed to extremely adverse operating conditions. Standards: API GL 4+5	105787	1	12
		103842	60	
	HD 80W90 Top-quality mineral oil-based multi-grade gear oil for manual gearboxes, transfer cases, hypoid drives and rear axles. Standards: API GL 4+5	105781	1	12
		100103	2	12
		100105	5	4
		103996	20	
		100106	60	
		100108	208	

ARTICLE	DESCRIPTION	ART. NO.	PACKAGING [L]	QUANTITY PER BOX
	GEAR MB SAE 80W Mineral multi-grade gear oil with high-pressure additives for manual gearboxes. High pressure absorption capacity guarantees optimum transmission lubrication even at higher temperatures. Reduces friction, prevents wear and corrosion. Standards: API GL 4 Approvals: MB-Approval 235.1, MAN 341 type E1, Z1 and Z2, ZF TE ML 02B/17A	105780	1	12
		104303	20	
		100960	60	
		100961	208	
	GEAR OIL 90 SAE 90 Mild-alloyed mineral oil-based special gear oil for manual gearboxes and rear differentials. Specially suitable for classic cars. Contains no friction reducer. Low oil consumption and reduced oil losses thanks to SAE 90 viscosity. Optimum wear protection even under extreme operating conditions. Outstanding adhesion. Compatible with all seals and bearing metals. Standards: API GL 1	100091	5	4
	GEAR V SAE 90 Castor oil-based gear oil for gear and worm gear gearboxes and for gearboxes with helical gears and with spiral gears. Can be used for differentials with bronze alloy gearings. Not miscible with mineral or synthetic gear oil. Standards: API GL 2	100225	2	12
	EPL 90 SAE 90 Multi-purpose mineral oil-based hypoid gear oil for manual gearboxes, transfer cases and rear axle differentials in older vehicles. Standards: API GL 4	100087	2	12
		103718	20	
		100088	60	
		100090	208	
	MULTI DCTF Special gear oil covering a wide range of manufacturers, based on Motul Technosynthese® for modern dualclutch gearboxes (DCG) or direct-shift gearboxes (DSG). May be used in DSG gearboxes with wet or dry clutch. Performance: VW G 052 182, VW G 052 171, VW G 052 529, MB 236.25, BMW DCTF-1, Ford WSS-M2C-936-A	105786	1	12
		104997	20	
		103912	60	

(See technical data sheet for other possible uses.)

ARTICLE	DESCRIPTION	ART. NO.	PACKAGING [L]	QUANTITY PER BOX
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AUTOMATIC GEAR OIL



MULTI ATF

100% synthetic multi-function automatic gear oil for conventional automatic gearboxes, torque converters and power steering, together with hydraulic and mechanical systems covering a very wide range of manufacturers and for systems that specify Dexron or Mercon. Not to be used for CVT automatic gearboxes.

Performance: MB 236.3, MB 236.5, MB 236.7, MB 236.9, MB 236.10, MB 236.11, MB 236.12, GM Dexron III G, III H, II D, II E, Chrysler ATF+3, ATF +4, Ford Mercon V, Toyota ATF type WS, type T-III, type T-IV, Nissan Matic S, Matic K, Matic J, Matic D

(See technical data sheet for other possible uses.)

105784	1	12
104001	20	
103223	60	
103224	208	



ATF VI

100% synthetic low-viscosity automatic gear oil. Specially for automatic gearboxes by Opel and GM that specify Dexron VI and by Ford that specify Mercon LV. Not to be used for CVT gearboxes.

Performance: GM Dexron VI, Dexron III H, Dexron II D, Chrysler ATF +3, ATF +4, Ford Mercon LV, Toyota ATF type WS, type T-III, type T-IV, Nissan Matic S, Matic K, Matic J, Matic D

(See technical data sheet for other possible uses.)

105774	1	12
106476	20	
103218	60	



MULTI CVTF

Gear oil, based on Motul Technosynthese® for modern CVT gearboxes. Suitable for a wide variety of uses in modern cars with CVT drive with thrust belt or chain.

Performance: VAG G 052 180, VW G 052 516, MB 236.20, GM DEX-CVT, BMW EZL 799, Jeep NS-2, CVTF+4, Suzuki NS-2, TC, CVT Green 1, Hyundai SP III, Genuine CVTF, Honda HMMF, Mitsubishi CVTF-J1, SP III

(See technical data sheet for other possible uses.)

105785	1	12
106470	20	
104617	60	



ATF 236.14

100% synthetic automatic gear oil for Mercedes Benz 7-speed automatic gearboxes and 5-speed automatic gearboxes with controlled converter lockup clutch for vehicles with rear-wheel drive and AMG vehicles.

Approvals: MB-Approval 236.14

105773	1	12
104297	20	
107205	60	



ATF 236.15

100% synthetic Fuel Economy transmission fluid specially designed for Mercedes Benz 7-speed automatic gearboxes for which MB-Approval 236.15 is specified.

Approvals: MB-Approval 236.15

106954	1	12
106743	20	
107203	60	

ARTICLE	DESCRIPTION	ART. NO.	PACKAGING [L]	QUANTITY PER BOX
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DEXRON III

Automatic gear oil based on Motul Technosynthese® for automatic gearboxes, hydraulic and mechanical systems. Optimum oil film stability at high temperatures. Prevents wear and foaming.

Approvals: MAN 339 type Z1 & V1, MB-Approval 236.9, ZF TE ML 04D / 14A, Voith 55.6335.32 (G607)

Performance: GM Dexron IIIG, Ford Mercon, Allison C4, Caterpillar TO-2, MB 236.5

105776	1	12
100318	2	12
103993	20	
100320	60	
100322	208	



DEXRON IID

Mineral gear oil for automatic gearboxes and power-assisted steering. Can be used in all systems that specify Dexron, Dexron B and Dexron IID. The special additives prevent wear, corrosion and foaming. The excellent flow properties also permit comfortable gear changing even at low temperatures.

Approvals: MAN 339 type Z1 & V1, MB-Approval 236.7, Voith 55.6335.32 (G607), ZF TE ML 04D / 11A / 14A

Performance: Caterpillar TO-2, Allison C4, GM Dexron IID

105775	1	12
100198	2	12
103992	20	
100200	60	
100202	208	



TRANSMISSION FLUID ATF TYPE A

Mineral hydraulic fluid for automatic gearboxes, power-assisted steering, hydraulic steering systems, manual gearboxes and torque converters.

Performance: GM ATF type A Suffix A, Allison C4

100187	60	
100188	208	

REAR AXLE OIL



90 PA SAE 90

Mineral special hypoid gear oil with stick-slip additives for locking differentials. Reduces friction even under extreme operating conditions.

Standards: API GL 4+5

100122	2	12
100123	60	



HYPO SYNT LS 75W140

100% synthetic hypoid gear oil for BMW rear axles with locking differential and EH locking differential.

Standards: API GL 4+5

Approvals: BMW

100254	60	
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ARTICLE	DESCRIPTION	ART. NO.	PACKAGING [L]	QUANTITY PER BOX
HYDRAULIC FLUID				



LHM PLUS

Mineral fluid for Citroen hydraulic systems and hydropneumatic suspension. System-Green (Citroen from 1966)

101186	1	12
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MULTI HF

Synthetic hydraulic fluid for the very latest power steering systems including electrohydraulic systems.

Specifications: VW TL 52146 (G002 000 / G004 000 M2), BMW 81 22 9 407 758, MB 345.0, Opel GM 1940 715 / 766 B 040 0070, Ford M2C204-A, Fendt 902.011.622, Porsche 000.043.203.33, MAN M3289 (3623/93), CHF 11 S, CHF 202, LDA, LDS

(See technical data sheet for other possible uses.)

106399	1	12
104002	20	

BRAKE FLUID



DOT 3 & 4 BRAKE FLUID

100% synthetic polyglycol-based brake fluid for disk brake and drum brake systems.

Standards: DOT 3 & DOT 4, SAE J 1703, ISO 4925

102718	0.5	12
105835	1	12
104247	5	4



DOT 5.1 BRAKE FLUID

100% synthetic polyglycol-based brake fluid for disk brake and drum brake systems. Specially for vehicles with ABS.

Standards: DOT 3, DOT 4, DOT 5.1, SAE J 1703, ISO 4925

100950	0.5	12
105836	1	12
100952	5	4
104851	20	



RBF 600 RACING BRAKE FLUID

100% synthetic polyglycol-based brake fluid. For all types of racing braking systems (steel, carbon or ceramic).

Dry boiling point: 312 °C

Wet boiling point: 204 °C

Standards: SAE J 1703, ISO 4925, FMVSS 116 DOT 4

100948	0.5	12
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ARTICLE	DESCRIPTION	ART. NO.	PACKAGING [L]	QUANTITY PER BOX
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RBF 660 RACING BRAKE FLUID

100% synthetic polyglycol-based brake fluid. For all types of racing braking systems (steel, carbon or ceramic).

Dry boiling point: 328 °C

Wet boiling point: 204 °C

Standards: SAE J 1703, ISO 4925, FMVSS 116 DOT 4

101666	0.5	12
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COOLANT



INUGEL EXPERT ULTRA

Concentrated monoethylene glycol-based radiator antifreeze. Specially for modern gasoline and diesel engines.

Specifications: BMW N600 69.0, Ford ESD-M97B49-A, GM QL 130100, MB 325.0, MB 325.2, VAG G11

101079	1	12
103702	60	
103703	208	



INUGEL OPTIMAL ULTRA

Concentrated monoethylene glycol-based radiator antifreeze (silicate-free). Specially for modern gasoline and diesel engines in aluminium lightweight design.

Specifications: Ford WSS-M97B44D, GM 6277M, MB 325.3, Renault type D, VAG G12/G12+

101069	1	12
101070	5	4
103705	60	
103706	208	



INUGEL EXPERT -37

Ready-to-use monoethylene glycol-based radiator antifreeze. Specially for modern gasoline and diesel engines.

Antifreeze to -37 °C.

Specifications: BMW GS 9400, Ford ESD M97B49A, MB 326.0, MB 326.2, GM QL 130100, VAG G11

102927	1	12
102928	5	4
104634	20	
103700	60	
103701	208	



INUGEL OPTIMAL -37

Ready-to-use monoethylene glycol-based radiator antifreeze (silicate-free). Specially for modern gasoline and diesel engines.

Antifreeze to -37 °C.

Specifications: Ford WSS M97B44D, MB 326.3, Renault/Nissan 41-01-001/S type D, Opel GM 6277M (+B040 1065), VAG G12/G12+

102923	1	12
102924	5	4
104635	20	
103704	208	

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MATERIAL

CLOTHING

ARTICLE	DESCRIPTION	ART. NO.	PACKAGING [L]	QUANTITY PER BOX
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INUGEL CLASSIC -25

Ready-to-use monoethylene glycol-based radiator antifreeze. Recommended for all classic vehicles. Offers perfect protection for cooling systems. Antifreeze to -25 °C.

101083	5	4
103699	208	



INUGEL G13 -37

Ready-to-use radiator antifreeze down to -37 °C. For the latest gasoline and diesel engines in aluminium lightweight design by the VAG Group that specify a coolant as per TL VW 774J resp. G13 standard. Compatible with other coolants fulfilling standards G12, G12+ and G12++. Protection from corrosion and calcification. Aluminium surfaces are protected even at high temperatures. Antifreeze to -37 °C.

104376	1	12
104377	5	4
104378	208	



INUGEL G13 ULTRA

Concentrated radiator antifreeze for the latest gasoline and diesel engines in aluminium lightweight design by the VAG Group that specify a coolant as per TL VW 774J resp. G13 standard. Compatible with other coolants fulfilling standards G12, G12+ and G12++. Protection from corrosion and calcification. Aluminium surfaces are protected even at high temperatures.

104379	1	12
104380	5	4
104381	20	
104382	60	
104383	208	



MOCOOL

Concentrated coolant additive specially for racing. The special formula reduces the engine operating temperature and protects the water pump from wear. Does not contain any antifreeze components!

102222	0.5	12
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OTHERS



VISION EXPERT ULTRA

Concentrated windscreen cleaner with refreshing apple scent for use all year. Dilute with water depending on the required antifreeze. Exclusive formula for efficient cleaning and better vision. Suitable for windscreen cleaner systems of all kinds including fan nozzles. Recommended specially for headlamp cleaning systems including xenon headlamps. Antifreeze to -45 °C.

106753	1	12
106754	208	

ARTICLE	DESCRIPTION	ART. NO.	PACKAGING [L]	QUANTITY PER BOX
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VISION CLASSIC -20 °C

Ready-to-use windscreen cleaner and antifreeze. Cleans effectively and degreases the windscreen. The special formula guarantees optimum smear-free vision and perfect antifreeze in winter. With pleasant scent. Colour: blue Antifreeze to -20 °C.

106456	5	4
106752	208	



VALVE EXPERT

Lead substitute for older classic vehicles with unhardened valve seats. Not for vehicles with exhaust catalytic converter.

106420	250 ml	12
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GREASE



TECH GREASE 300

Synthetic lithium-based multi-purpose grease with very high pressure absorption capacity. NLGI 2, thaw point: 260 °C

100898	200 g	24
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MOTUL SYSTEM CARE



ENGINE CLEAN

Interior engine cleaner for all 4-stroke engines. Deposits and operational soiling are reliably loosened throughout the entire oil circuit. Aggressive combustion products are neutralized. The dissolved impurities are removed from the engine on draining the used oil. Interior engine cleaning results in far improved compression on a uniform level across all cylinders. The cleaned engine with the new engine oil shows optimum performance for powerful output. Reduces oil consumption and wear. Increases the service life of the catalytic converter.

104975	300 ml	12
103011	20	



FUEL SYSTEM CLEAN

Fuel system cleaner for all gasoline engines. Reliably removes soiling such as coking in the combustion chamber, resinification in the carburettor, adhesion in the injection nozzles and condensation in the fuel system. A clean fuel system is prerequisite for clean, effective combustion, letting the engine develop the best performance with powerful output, jerk-free operation, improved output, clear fuel savings, longer service life of all components in the fuel system and in the catalytic converter. Particularly recommended when using E10 fuel.

104877	300 ml	12
103010	10	

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CLOTHING

ARTICLE	DESCRIPTION	ART. NO.	PACKAGING [L]	QUANTITY PER BOX
	DIESEL SYSTEM CLEAN Fuel system cleaner for all diesel engines. Reliably removes soiling such as coking in the combustion chamber, soot deposits, adhesions and resinification in the injection nozzles and pumps. A clean fuel system is prerequisite for clean, effective combustion, letting the engine develop the best performance through improved fuel atomization, optimum cold-start behaviour, fume and soot reduction, clear fuel savings and reduced knocking.	104880	300 ml	12
		103012	10	
	TRANSMISSION CLEAN Specially developed to clean all types of transmissions in preparation for an oil change. Removes sluge, varnishes and deposits, leaving the transmission thoroughly clean. Application: Only use in combination with a transmission flushing machine.	107057	500 ml	12
WORKSHOP RANGE				
	E.Z. LUBE Lubricates machinery, levers, cables, bike chains and clutch mechanisms. Protects against corrosion with a protective film. Prevents humidity and seizing. Leaves a thick, lubricating, anti-corrosive grease film. Recommendation: Spray on surface to be treated. Let sit for a few minutes. To finish, use a soft rag. 1 litre can (6 cans per box, can be used with a pumpspray)	106554	750 ml	6
		106555	1	6
	SHINE & GO Silicone-based plastic surface polish and reviver. Enhances colours. Protects with a long-term non-stick protective film. Repels water and dirt. Do not spray the product on handgrips or seats. Recommendation: Shake before use. Spray from a distance of 25 cm. Leave to dry for a few moments. Polish with a soft cloth to obtain a perfect finish.	106561	750 ml	6
	BRAKE CLEAN Dissolves oil, grease and tar. Evaporates very quickly, leaving no marks. Eases assembly and disassembly of mechanical parts. Very powerful. Do not use on plastics, painted or varnished surfaces. Recommendation (for aerosol): Spray from a short distance on the areas to be cleaned. Respray on very dirty areas. * Use in combination with a pump sprayer.	106551	750 ml	6
		102671	20*	

ARTICLE	DESCRIPTION	ART. NO.	PACKAGING [L]	QUANTITY PER BOX
	PARTS CLEAN Dissolves oil, grease and tar. Evaporates quickly, leaving no marks. Compatible with paints, plastics and elastomers. Large variety of applications. <i>Recommendation:</i> Shake before use. Spray from a short distance on the areas to be cleaned.	106552	750 ml	6
	INTAKE CLEAN Specially developed to eliminate deposits and varnishes on butterfly and throttle valves, throttle-chambers, nozzles, bushels, jets and tanks. Stabilizes the idle and improves engine acceleration. <i>Recommendation:</i> Without disassembly: With the engine turned off, remove the air filter and spray into the air intake pipe. Let stand for 10 minutes. Repeat with the engine turned on by spraying product on nozzles and throttle chambers. With disassembly: Once intake manifold, carburettor or injection body disassembled, spray from a short distance on the areas to be cleaned. Let stand and re-spray on very dirty areas. Wipe with a dry cloth.	106553	750 ml	6
	WHITE GREASE White multipurpose grease for roller bearings, smooth gears, plastic parts, bolts and rings. Maintains the flexibility of rubber seals for all types of applications. Insoluble in water, does not stick and penetrates quickly. Water-repellent, good wear protection, good thermal stability. <i>Recommendation:</i> Clean the surface to be treated. Shake before use. Apply evenly on the parts to be treated.	106556	400 ml	6
	SILICONE GREASE SPRAY Colourless and water-repellent silicone grease, resistant to oxidation and corrosion. Penetrates quickly and clings effectively to seal electrical boxes, protects rubber seals and terminals. High lubricating properties and high adhesiveness to all materials. Water-repellent and weather-resistant. Prevents the drying of plastics and rubbers. <i>Recommendation:</i> Clean the surface to be treated. Shake before use. Apply evenly as required.	106557	400 ml	6
	FOGGING OIL Protects the internal engine parts from rust and corrosion when the engine is stored. Extends the life of the engine and reduces maintenance requirements. Leaves a thick, long-lasting lubricating and anti-corrosive oil film in order to provide long-term protection against corrosion and dry starts. Suitable for all vehicles that have to be stored several months. <i>For Diesel engines, refer to the owner's manual.</i> <i>Recommendation:</i> Start the engine and spray the product directly into the air intake system or into the carburettor until the engine stalls. Remove the spark plugs and spray the product into each spark plug hole. Replace the spark plugs and store the vehicle.	106558	400 ml	6

ARTICLE	DESCRIPTION	ART. NO.	PACKAGING [L]	QUANTITY PER BOX
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TOP GEL

Specially designed to clean dirty hands. Most effective against grease, paint and lubricant stains. Formula based on almond extracts to protect hands. Dermatologically tested. Leaves hands clean, soft and slightly scented.

Recommendation:

Put a small amount on dry hands. Rub without water and rinse with plenty of water.

106559	3	4
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BIO WASH

Efficiently removes all traces of grease, dust and brake pad residues. Leaves a dry anti-corrosion film. Protects paintwork and varnish. Environmentally friendly: biodegradable in 28 days at 92%. **Do not use in direct sunlight.**

Recommendation:

Spray generously all over the surface to be treated. Without pumpspray, dilute in water or use directly on a damp sponge. Allow to work for a few minutes. Rinse with water, jet or steam pressure. For very dirty parts, repeat the operation. Use a soft cloth to obtain a perfect finish.

* Use in combination with a pump sprayer (see page E06 for product details)

106560	20*	
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TRUCK ENGINE OIL



TEKMA OPTIMA 5W30

100% synthetic long-life multi-grade ester-based oil for truck turbo diesel engines. Specially for Euro-2 and Euro-3 engines running on diesel fuel with reduced sulphur content (< 0.05%). Oil change intervals of up to 150,000 km are possible depending on the manufacturer's maintenance instructions.

Standards: ACEA E4 / E7 (E7 replaces E5 and E3)

Approvals: MB-Approval 228.5, MB-Approval 235.28, Renault VI RLD-2, Volvo VDS-3, Voith Class B, Mack EO-N

Performance: DAF Extended Drain, Deutz DQC-IV, MAN 3277, MTU type 3, Scania LDF-3, Ford WSS-M2C-212-A1

101121	5	4
106293	20	
106292	60	
101122	208	



TEKMA ULTIMA+ 5W30

100% synthetic Fuel Economy long-life engine oil for modern low-emission turbo-diesel engines by European, American or Japanese manufacturers. Compatible with Euro-3, -4, -5 or -6 engines with EGR system. Specially recommended for commercial fleets with modern vehicles and extended maintenance intervals.

Standards: ACEA E4 / E6 / E7 (E7 replaces E5 and E3) / E9, API CJ-4

Approvals: MB-Approval 228.51, MAN 3677 / 3477 / 3271-1 / 3575, Volvo VDS-4, RVI RLD-3, Mack EO-O Premium Plus, Scania Low Ash

Performance: Caterpillar ECF-3, Cummins CES 20081, Deutz DQC-IV LA, MTU type 3.1, Detroit Diesel 93K218, Iveco 18-1804 TLS E6

106295	20	
106296	60	
105619	208	
105869	1000	



TEKMA ULTIMA+ 10W40

100% synthetic engine oil for all low-emission engines with or without turbochar-ger. Low emissions as per Euro-2, -3, -4 or -5 with EGR system and/or SCR system with or without soot particulate filter.

Standards: ACEA E4 / E6 / E7 (E7 replaces E5 and E3) / E9, API CI-4 / CH-4

Approvals: MB-Approval 228.51, MB-Approval 235.28, MAN M 3477, Volvo VDS-4, Scania Low Ash, Mack EO-O Premium Plus, Renault VI RLD-3, Voith Class B

Performance: Deutz DQC-IV LA, DAF Extended Drain, MAN 3271-1, MAN 3575, JASO DH-2, Caterpillar ECF-3, Cummins CES 20081, MTU type 3.1, Detroit Diesel DDC PGOS 93K218

106290	20	
101682	60	
101683	208	
101684	1000	

ARTICLE	DESCRIPTION	ART. NO.	PACKAGING [L]	QUANTITY PER BOX
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TEKMA ULTIMA 10W40

100% synthetic long-life engine oil for modern low-emission turbo-diesel commercial vehicle engines by European, American or Japanese manufacturers. Compatible with Euro-2, -3 or -4 with EGR. For commercial fleets with modern vehicles and extended maintenance intervals.

Standards: ACEA E4 / E7 (replaces E5 and E3), API CF

Approvals: MB-Approval 228.5, MAN M 3277, Mack EO-N, Deutz DQC-III, Volvo VDS-3, Scania LDF-3 (backwards compatible with LDF-2), Renault VI RLD-2

Performance: DAF Extended Drain, MTU type 3

106455	5	
105738	20	
103695	60	
103696	208	
103697	1000	



TEKMA FUTURA+ 10W30

Lubricant specially designed for the last generation of trucks, buses, construction machinery, farm machinery, stationary engines, and boat engines running with low sulphur fuel (≤ 50 ppm). Low-emission turbo diesel direct injection engines, Euro-2, Euro-3, Euro-4, Euro-5 or Euro-6 emission regulation compliant, fitted with EGR (Exhaust Gas Re-circulation) and/or SCR (Selected Catalyst Reduction) system and with or without DPF (Diesel Particulate Filter), working in highly severe conditions of load and service, requiring an engine oil ACEA E9 "Low SAPS" with reduced content of sulphated ash (≤ 1.0%), phosphorus (≤ 0.12%) and sulphur (≤ 0.4%).

Standards: ACEA E9 / E7 (E7 replace E5 and E3), API CJ-4

Approvals: Mack EO-O Premium plus, Renault VI RLD-3, Volvo VDS-4

Performance: Caterpillar ECF-2, ECF-3, ECF-1a, Cummins CES 20076, CES 20081, Detroit Diesel 93K218, Deutz DQC III-LA, Mack EO-M+, MAN 3575, MB 228.31, MTU type 2.1

106297	20	
106299	60	
103678	208	
104854	1000	



TEKMA FUTURA+ 10W40

Lubricant specially designed for the last generation of trucks, buses, construction machinery, farm machinery, stationary engines, and boat engines running with low sulfphr fuel (≤ 50 ppm). Low-emission turbo diesel direct injection engines, Euro-2, Euro-3, Euro-4, Euro-5 or Euro-6 emission regulation compliant, fitted with EGR (Exhaust Gas Re-circulation) and/or SCR (Selected Catalyst Reduction) system and with or without DPF (Diesel Particulate Filter), working in highly severe conditions of load and service, requiring an engine oil ACEA E9 "Low SAPS" with reduced content of sulphated ash (≤ 1.0%), phosphorus (≤ 0.12%) and sulphur (≤ 0.4%).

Standards: ACEA E7 (E7 replaces E5 and E3) / E9, API CJ-4

Approvals: Mack EO-O Premium Plus, Renault VI RLD-3, Volvo VDS-4,

Performance: Cummins CES 20081, Deutz DQC-III LA, Mack EO-M Plus, MAN 3575, MB 228.31, MTU type 2.1

105868	20	
106650	60	
104998	208	
105853	1000	



TEKMA MEGA X LA 10W40

Low SAPS long-life engine oil based on Motul Technosynthese® for modern low-emission turbo diesel engines with particulate filter. Compatible with Euro-5 or Euro-6 with EGR.

Standards: ACEA E6/E7, API CI-4

Approvals/Specifications: MB-Approval 228.51, Mack EO-N, Renault RLD-2, RXD/RGD, Volvo VDS-3

Performance: Deutz DQC-III-10 LA, Cummins CES 20076/77, DAF LD, MAN M3477, MAN M3271-1, MTU type 3.1

105870	20	
104612	60	
104498	208	
104584	1000	



TEKMA MEGA X 10W40

Semi-synthetic long-life multi-grade oil for truck turbo diesel engines. Fulfills the demands of Euro-2, Euro-3 and Euro-4 engines. Intervals of up to 100,000 km are possible, depending on the manufacturer's maintenance instructions.

Standards: ACEA E4/E7, API CI-4 / CH-4

Approvals/Specifications: MB-Approval 228.3, MAN M 3275, Volvo VDS 3, Mack EO-N, RVI RLD-2

Performance: Caterpillar ECF-1, Global DHD-1, Scania LDF-2, MTU type II. Also recommended for Scania, Iveco, DAF ... when ACEA E3/E5 is specified.

103861	20	
101686	60	
101687	208	
102194	1000	

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CLOTHING

ARTICLE	DESCRIPTION	ART. NO.	PACKAGING [L]	QUANTITY PER BOX
	TEKMA MEGA 15W40 All-year long-life multi-grade oil for truck diesel engines with or without super-charging. For Euro-2 and Euro-3 engines. Oil change intervals between 40,000 and 60,000 km are possible depending on the manufacturer's maintenance instructions. Standards: ACEA E7, API CI-4 / CH-4 Approvals/Specifications: MB-Approval 228.3, MAN M 3275, Volvo VDS-3, Cummins 20071-20072-20076-20077-20078, Global DHD-1, Mack EO-N, MTU type II (level), RVI RLD-2, Caterpillar ECF-1, can also be used for Scania, Iveco and DAF, when ACEA E3/E5 is specified.	106371	5	4
		103680	20	
		100134	60	
		100136	208	
		100137	1000	
	TEKMA MEGA X LD 15W40 Synthetic-based lubricant specially developed for countries where fuel sulfur content is around 0.5% (5000 ppm) or higher. All low-emission European, American or Japanese diesel engines naturally aspirated or turbocharged, in line with Euro-2 and Euro-3 fitted with EGR system (Exhaust gas re-circulation) or older engine generation: Trucks, Bulldozers, Construction machinery, Buses, Farm machinery, stationary engines, boat engines ... Can be used as single lubricant in case of fleet composed of new & old generation engines. Standards: ACEA E7 (replaces E5 and E3), API CI-4 / CH-4 Specifications: Caterpillar ECF-1, Cummins 20071-20072-20076-20077-20078, MAN M 3275, Global DHD-1, Mack EOM PLUS, MB 228.3, MTU type II, RVI RD / RD-2 / RLD / RLD-2, Volvo VDS-3	106430	1	12
		106428	5	4
		104009	20	
		106294	60	
		101655	208	
	TEKMA NORMA+ 15W40 All diesel engines naturally aspirated or turbocharged for which manufacturer's recommendations are API CD, CE, CF, CF-4, CCMC D-4: trucks, bulldozers, construction machinery, generators, buses, farm machinery, marine engines ... Also suitable for hydraulic systems, torque converters and transmissions when an engine oil is recommended by the manufacturer. Standards: API CF-4 / CF - API CE, CD / SF - CCMC D-4 Approvals: MB-Approval 228.1	102021	5	4
		103683	20	
		102038	60	
		101691	208	
		102039	1000	
	TEKMA SUPRA 15W40 All-year long-life multi-grade engine oil for truck diesel engines with or without supercharging. Oil change intervals between 20,000 and 30,000 km are possible depending on the manufacturer's maintenance instructions. Standards: ACEA E2-96, API CG-4 Approvals: MAN M 271, Volvo VDS Performance: MB 228.3, RVI E2 R, Mack EO-L, MTU type 1	102016	5	4
		103687	20	
		102034	60	
		101701	208	
		102036	1000	
	TEKMA NORMA+ 20W50 All diesel engines naturally aspirated or turbocharged, operating in warm climates, for which manufacturer's recommendations are API CD, CE, CF, CF-4, CCMC D-4: trucks, bulldozers, construction machinery, generators, buses, farm machinery, marine engines ... Specially recommended for old engines with high mileage and oil consumption tendency. Also suitable for hydraulic systems, torque converters and transmissions when an engine oil is recommended by manufacturers. Standards : API CF-4 / CF - API CE, CD / SF - CCMC D-4 Performance: MB 228.1	102024	5	4
		103684	20	
		102042	60	
		101698	208	




ARTICLE	DESCRIPTION	ART. NO.	PACKAGING [L]	QUANTITY PER BOX
	TEKMA NORMA+ MONOGRADE SAE 30 All diesel engines naturally aspirated or turbocharged: trucks, bulldozers, construction machinery, generators, buses, farm machinery, marine engines ... Also suitable for hydraulic systems and mechanical transmissions when an engine oil is recommended by manufacturers. Can be used when MB-Approval 227.0 is recommended. Standards: API CF-4 / CF - API CE, CD / SF - CCMC D-4 Performance: MB 228.0	103685	20	
		102045	60	
		101699	208	
		102046	1000	
	TEKMA NORMA+ MONOGRADE SAE 40 All diesel engines naturally aspirated or turbocharged: trucks, bulldozers, construction machinery, generators, buses, farm machinery, marine engines ... Also suitable for hydraulic systems and mechanical transmissions when an engine oil is recommended by manufacturers. Can be used when MB-Approval 227.0 is recommended. Standards: API CF-4 / CF - API CE, CD / SF - CCMC D-4 Performance: MB 228.0	103686	20	
		101700	208	
	TRH 97 Specially formulated for farming machine transmissions fitted with wet brakes and hydraulic systems. Gearbox / rear axle / hydraulic lifter system / wet brakes. Suitable for the following farming machines: John Deere, Massey Ferguson, Case Same, International Harvester, New Holland / Ford / Fiat Agri, Renault, Class ... Motul TRH 97 respects most of tractor manufacturers' requirements. Performance: John Deere J20C/D - JI Case MS 1210 / MS 1209 / MS 1207 / MS 1206 / MS 1205 / MS 1204 / IH B6, New Holland FNHA-2-C-201.00, Ford M2C 86 B/C; 134-D; 41-B; 48-B; 53-A, Massey Ferguson MF 1110 / 1127 / 1129 A / 1135 / 1141 / 1143 / 1145, White Farm Q-1826 / -1802 / -1766 / -1705, Allison C4 - Caterpillar TO 2	100189	5	4
		103711	20	
		100190	60	
		100192	208	
	TRH FE High-performance 100% synthetic lubricant specially formulated with low viscosity base oil to provide "Fuel Economy" benefits when used in wet disk brake, transmissions and hydraulic systems fitted on agricultural tractor, public works or handling equipment. Suitable for the following OEMs: Volvo, John Deere, Massey Ferguson, CNH ... Standard: API GL-4 Performance: Volvo WB 101 / Volvo WB 102, John Deere JDM J20C / J20D, CNH MAT 3525, Massey Ferguson CMS M1135 / M1141 / M1143 / M1145 ZFN 13011 / 13025 / 13030 Allison C4	107047	208	






ARTICLE	DESCRIPTION	ART. NO.	PACKAGING [L]	QUANTITY PER BOX
	DS SUPER AGRI 10W30 Multipurpose lubricant type STOU (Super Tractor Oil Universal) for tractors and farm machines: diesel engines, turbocharged or not, gasoline engines / transmissions / wet brakes / hydraulic systems. Recommended for the following farm machines working in normal conditions: Case, International Harvester, John Deere, Massey Ferguson, New Holland / Ford / Fiat Agri, Renault, Same Deutz-Fahr Group ... Engine Standards: API CF-4 / SF, ACEA E2; API CI-4 / ACEA E7 (soot control) Specifications: MB 227.1 (level), MB 228.1 / 228.3 (engine performance and piston cleanliness) Transmission Standards: API GL-4, MIL-L-2104 D Specifications: Allison C4, Case MS 1118 / MS 1207 / MS 1209 / CNH MAT 3525, Caterpillar TO-2, Ford ESN M2C 41B / 121E / 134D / 159C, John Deere JDM J27 / J20C, Massey Ferguson CMS M 1127 / 1135 / 1141 / 1144 / 1145, New Holland NH 024C / 324B / 410B / 540B / CNH MAT 3525, Same Deutz-Fahr Group, ZF TE-ML 06D / 06B / 06C / 06N / 07B Hydraulic AFNOR 48603 HV ISO VG 68	104651	20	
		101320	60	
		101321	208	
	DS UNIVERSAL MULTIGRADE 10W30 Multipurpose lubricant for farm machines, specially formulated for non-turbocharged gasoline and diesel engines, transmissions without wet brakes and hydraulic lifter systems. Anti-oxidation, anti-corrosion, anti-rust, anti-foam. Detergent and dispersive properties ensuring a perfect cleanliness of the engine. Extreme-pressure and anti-rust properties for a good lubrication of heavy loaded parts. High viscosity index for hydraulic circuits, maximum efficiency. With no effects on the gaskets. Engine Standards: MIL-L-2104 B, API CC/SE, CCMC G1 -D1 Transmission Standards: MIL-L-2105, API GL4, SAE 80 Hydraulic AFNOR HV 68	100078	208	
	DS AGRI SYNT 10W40 Technosynthese® multipurpose lubricant reinforced with a synthetic base. Meets most of the latest requirements of farm machine manufacturers. Suitable for diesel engines, turbocharged or not, gasoline engines, mechanical transmissions, wet brakes and hydraulic systems. Recommended for new farm machines working under severe conditions: John Deere, Massey Ferguson, Case / IH, Same, Renault, Class, Deutz, New Holland / Ford / Fiat Agri ... Engine Standards: API CH-4/SF; API CF-4, ACEA E5 (soot control) Performance: MB 227.1 Transmission Standards: SAE 80W90, API GL-4 Specifications: Ford M2C 159 B - Ford 30/40; Caterpillar TO-2 Performance: GM Allison C4, John Deere JDM 27, Massey Ferguson MF 1139 - MF 1144 - MF 1145, New Holland, ZF TE-ML 06B / 06C / 07B Hydraulic AFNOR 48603 HV ISO VG 68/100	103691	20	
		100403	208	






ARTICLE	DESCRIPTION	ART. NO.	PACKAGING [L]	QUANTITY PER BOX
	<p>DS SUPER AGRI 15W40</p> <p>Multipurpose lubricant for modern farming machines: diesel engines, turbo-charged or not, gasoline engines / transmissions / wet brakes / hydraulic systems. Recommended for the following farm machines working in normal conditions: John Deere, Massey Ferguson, Case, International Harvester, Renault, Deutz, New Holland / Ford / Fiat Agri ...</p> <p>Engine</p> <p>Standards: API CF-4 / SF – API CH-4 / ACEA E5 (soot control)</p> <p>Specifications: MB 227.1</p> <p>Transmission</p> <p>Standards: API GL-4</p> <p>Specifications: GM Allison C4, Caterpillar TO 2, ZF TE.ML.06B / 06C / 07B, New Holland / Ford M2C 159 B - Ford 30/40, John Deere JDM 27 (level), Massey Ferguson MF 1139 - MF 1144</p> <p>Hydraulic</p> <p>AFNOR 48603 HV ISO VG 68/100</p>	100079	5	4
		103692	20	
		100080	60	
		100082	208	
TRUCK GEAR OIL				
	<p>GEAR SYNT TDL 75W90</p> <p>100% synthetic truck gear oil specially for fleets with extended oil change intervals. For the very latest vehicles such as MAN, Scania and ZF (Ecolite Ecomid, Ecosplit and Astronic 1 without integrated retarder).</p> <p>Standards: API GL 5 & GL 4, MT-1</p> <p>Approvals: ZF TE-ML 02B / 05B / 12L / 12N / 16F / 17B / 19C / 21B</p> <p>Performance: ArvinMeritor 076-N, Eaton Europe Transmissions, MAN M3343 type S, Mack GO-J, MB 235.8 MIL-L-2105D, MIL-PRF-2105E, SAE J2360, Scania STO 1:0 (transmission)</p>	101164	60	
	<p>MOTYLGEAR LD 75W80</p> <p>Truck transmission lubricant based on Motul Technosynthese® specially for fleets with the very latest vehicles and extended change intervals. Low viscosity reduces fuel consumption. For Eaton, MAN, Renault, Volvo, ZF with or without integrated retarder (Ecolite, Ecomid, Ecosplit).</p> <p>Standards: API GL 4</p> <p>Performance: MAN 341 TL (341 type Z-3), ZF TE-ML 02D, Volvo 97305 / 97307, Eaton (long-life interval), Renault VI</p>	101165	60	
		102195	208	
	<p>TRANS MB 85W90</p> <p>Special mineral oil-based gear oil with high-pressure additives for manual gearboxes and axles by Mercedes Benz, MAN and ZF.</p> <p>Standards: API GL 5</p> <p>Approvals/Specifications: MB-Approval 235.0, MAN 342 type M-1 (MAN 342N), ZF TE-ML 16C / 17B / 19B / 21A</p>	100957	208	






ARTICLE	DESCRIPTION	ART. NO.	PACKAGING [L]	QUANTITY PER BOX
	HD 85W140 High-quality mineral multi-grade gear oil for manual gearboxes, transfer cases, hypoid axle drives and rear axles. Standards: API GL 4+5 Performance: ZF TE-ML 05A / 07A / 08A / 12A / 16C / 16D / 17B, Volvo 97310	100112	2	12
		103719	20	
		100113	60	
		100115	208	
			EPL 90 SAE 90 Mineral hypoid gear oil. Standards: API GL 4 Performance: MAN 341N (341 type Z-1), ZF TE-ML 16A / 17A	103718
100088	60			
See car gear oils for other gear oil grades and gear oil for automatic gearboxes.				






MOTULTECH HYDRAULIC FLUID






	RUBRIC HM 32 Anti-wear, anti-corrosion and anti-oxidation premium hydraulic oil adapted to the lubrication of hydraulic systems operating under very harsh conditions. Specifications: Denison HF-O, ISO 11158 categories HM, ISO 6743-4 category HM, DIN 51524 part 2 HLP, NF E 48603 HM	104315	20	
		104270	208	
		101765	1000	
	RUBRIC HM 46 Anti-wear, anti-corrosion and anti-oxidation premium hydraulic oil adapted to the lubrication of hydraulic systems operating under very harsh conditions. Specifications: Denison HF-O, ISO 11158 categories HM, ISO 6743-4 category HM, DIN 51524 part 2 HLP, NF E 48603 HM	104318	20	
		104273	208	
		101770	1000	
	RUBRIC HM 68 Anti-wear, anti-corrosion and anti-oxidation premium hydraulic oil adapted to the lubrication of hydraulic systems operating under very harsh conditions. Specifications: Denison HF-O, ISO 11158 categories HM, ISO 6743-4 category HM, DIN 51524 part 2 HLP, NF E 48603 HM	104319	20	
		104272	208	
		101776	1000	






ARTICLE	DESCRIPTION	ART. NO.	PACKAGING [L]	QUANTITY PER BOX
	RUBRIC HM 100 Anti-wear, anti-corrosion and anti-oxidation premium hydraulic oil adapted to the lubrication of hydraulic systems operating under very harsh conditions. Specifications: Denison HF-O, ISO 11158 categories HM, ISO 6743-4 category HM, DIN 51524 part 2 HLP, NF E 48603 HM	104269	20	
		101780	208	
	RUBRIC HV 22 Anti-wear, slushing and anti-oxidation premium hydraulic oil with a high viscosity index adapted to the lubrication of hydraulic systems operating under very harsh conditions and subjected to large temperature differences. Specifications: ISO 11158 categories HV, ISO 6743-4 category HV, DIN 51524 part 3 HVLP, NF E 48602 / 48603 HV, Case Poclairn P 110 32-03J, Cincinnati Milacron P 70, Denison HF-O, Vickers V 104 C / 35 VQ 25	104286	20	
		101784	208	
	RUBRIC HV 32 Anti-wear, slushing and anti-oxidation premium hydraulic oil with a high viscosity index adapted to the lubrication of hydraulic systems operating under very harsh conditions and subjected to large temperature differences. Specifications: ISO 11158 categories HV, ISO 6743-4 category HV, DIN 51524 part 3 HVLP, NF E 48602 / 48603 HV, Case Poclairn P 110 32-03J, Cincinnati Milacron P 70, Denison HF-O, Vickers V 104 C / 35 VQ 25	104230	20	
		101786	208	
		101787	1000	
	RUBRIC HV 46 Anti-wear, slushing and anti-oxidation premium hydraulic oil with a high viscosity index adapted to the lubrication of hydraulic systems operating under very harsh conditions and subjected to large temperature differences. Specifications: ISO 11158 categories HV, ISO 6743-4 category HV, DIN 51524 part 3 HVLP, NF E 48602 / 48603 HV, Case Poclairn P 110 32-03J, Cincinnati Milacron P 70, Denison HF-O, Vickers V 104 C / 35 VQ 25	104631	20	
		104632	208	
		104622	1000	
	RUBRIC HV 68 Anti-wear, slushing and anti-oxidation premium hydraulic oil with a high viscosity index adapted to the lubrication of hydraulic systems operating under very harsh conditions and subjected to large temperature differences. Specifications: ISO 11158 categories HV, ISO 6743-4 category HV, DIN 51524 part 3 HVLP, NF E 48602 / 48603 HV, Case Poclairn P 110 32-03J, Cincinnati Milacron P 70, Denison HF-O, Vickers V 104 C / 35 VQ 25	104271	20	
		101790	208	
		104417	1000	

ARTICLE	DESCRIPTION	ART. NO.	PACKAGING [L]	QUANTITY PER BOX
TRUCK GREASE				
	GC GREASE 00 Liquid grease for central lubrication systems in trucks for which consistency class NLGI 00/000 is recommended. Temperature range: -50 °C to 120 °C DIN 51 502 marking: MP 00/000 K-50 Fulfills Willy Vogel requirements.	100935	19 kg	
	TECH GREASE 300 Synthetic lithium-based multi-purpose grease with very high pressure absorption capacity. Consistency class: NLGI 2 Thaw point: 260 °C	100900	50 kg	
LESCOT				
	POWER SHAMPOO Shampoo concentrate for eliminating grease from the bodywork. Effectively removes road film and dirt. Its Montan wax-based formula preserves paint and facilitates water run-off, making drying quicker. Leaves a glossy finish. The bodywork is protected and retains a water beading effect. Preserves waxes.	105959	500 ml	9
	ULTRA REMOVER Insect remover. Dissolves insect residue and bird droppings. Its natural fatty alcohol-based gentle formula provides good coverage for soiling, ensuring effective cleaning. Protects and respects the bodywork. NF Environment certified product: ecological.	105247	500 ml	9
	EXPRESS SHINE Quick detailer. Express buffing. Instantaneous glossy effect. Its fatty coconut ester-based formula eliminates grease and cleans the bodywork thoroughly. Its surfactants provide for excellent cleaning even on greasy stains and heavy particles. A silicon derivative gives it a glossy antistatic effect. Ideal for maintaining wax shine or effective cleaning between washings. NF Environment certified product: ecological.	105909	500 ml	9

ARTICLE	DESCRIPTION	ART. NO.	PACKAGING [L]	QUANTITY PER BOX
	ALL-IN-ONE POLISH All-in-one bodywork care. Natural abrasives effectively remove tiny scratches and signs of deterioration from the paintwork. A special blend of oils and carnauba wax gives the paintwork long-lasting shine and protection. Suitable for all types of paint except for matte paint.	106597	500 ml	9
	INFINITE SHINE Liquid wax made of hydrophobic fluoropolymers. Forms a durable, water-repellent film. Permanently protects the paintwork from contamination and oxidation. Colour and shine at their best.	106598	500 ml	9
	POWER WHEELS Super-powered wheel cleaner. Effectively removes greasy dust from brake pads. Its gel texture allows it to adhere better to surfaces and improves contact with soiling. Its formula is enriched with a passivation additive that delays fouling on treated surfaces as well as corrosion inhibitors. Suitable for all types of wheel rims and hubcaps. Its pink hue allows for identification of the treated surface.	105244	500 ml	9
	SHOW TIRE Active foam. Cleans and cares for the sidewalls of tires in a single gesture. Easy to use and effective. Colour and shine at their best. Forms a water-and dirt-repellent film.	106973	400 ml	9
	EXPRESS GLASS Express glass cleaner. Window and glass surface cleaner that degreases and cleans without leaving a trace or reflection. Eliminates greasy film (pollution, smoke) and leaves behind perfect visibility. Plant-based bioethanol formula. This product is dye- and fragrance-free. NF Environment certified product: ecological.	105961	500 ml	9

ARTICLE	DESCRIPTION	ART. NO.	PACKAGING [L]	QUANTITY PER BOX
	EASY GLASS Glass wipes. Clean and remove grease from glass surfaces without streaks. Anti-fog-formula. Gentle floral scent.	107030	16 wipes	12
	SOFT PLASTIC Dashboard cleaner. Soft, velvety formula that cleans and removes dust from all types of plastics, leaving clean and glossy surfaces. Non-greasy, the finish is soft to the touch. Plant-based components. NF Environment certified product: ecological. Peach-papaya fragrance.	105963	500 ml	9
	EASY PLASTIC Plastic wipes. Clean, care for and protect plastic surfaces. Gentle honey scent.	107029	16 wipes	12
	EXTREME LEATHER 3-in-1 leather balm. Removes stains and cleans while softening and nourishing all leathers, even light-coloured. Its fatty coconut ester-based formula provides greater degreasing and cleaning properties. Fortified with plant-based oils, it softens leather and protects it from drying out in a single gesture. Contains an anti-UV agent that protects leather from sunlight. NF Environment certified product: ecological.	105246	500 ml	9
	EASY LEATHER Leather wipes. Clean, care for and protect smooth leather surfaces. Gentle almond scent.	107031	16 wipes	12

ARTICLE	DESCRIPTION	ART. NO.	PACKAGING [L]	QUANTITY PER BOX
	PERFECT INTERIOR Upholstery cleaner. A plant-based stain remover that removes the most common stains (ketchup, grease, polish, ink, mayonnaise, etc.) without leaving a trace or discolouring fabrics. Revives fabric and carpet colours, leaving behind a soft, fresh scent. NF Environment certified product: ecological.	105245	500 ml	9
	SYNTHETIC SPONGE Ergonomic handling. Ultra-absorbent.	105479		6
	WASH MITT 100% cotton wash mitt. Allows smooth bodywork cleaning.	106393		6
	WHEEL AND HUBCAP BRUSH Special wheel and hubcap microfibre brush. Allows soft and efficient cleaning.	105481		6
	MICROFIBRE CLOTH 40 x 40 cm. Seamless. Allows polishing without trace or the risk of microscratches. Machine washable.	105483		6

ARTICLE	DESCRIPTION	ART. NO.	PACKAGING [L]	QUANTITY PER BOX
	MICROFIBRE GLASS CLOTH 32 x 32 cm. Allows the cleaning of glass surfaces without trace and fluff. Machine washable.	105485		6
	MICROFIBRE WAFFLE CLOTH 60 x 40 cm. Waffle cloth. Effectively cleans all the plastic surfaces in the passenger compartment. Machine washable.	105486		6
	TEXTILE BRUSH Special textile brush. Cleans and maintains all interior textiles.	105482		6
	MICROFIBRE SUEDE CLOTH Microfibre suede cloth. 30 x 30 cm. Seamless. Cleans and polishes leather softly. Machine washable.	105484		6
	SOFT APPLICATOR PADS Foam pads encased in super soft cotton. To apply and spread polish and wax. Rigid in form. Washable and reusable.	107159	2 pads	6



LUBE GUIDE

Lubricants today count among the basic design elements in modern combustion engineering. Recent successes include the development of low-ash engine lubricants. Attention also continues to focus on compatibility with bio-diesel for diesel engines and soot absorption capacity, as well as reducing CO₂ emissions and thus also fuel consumption levels.

Lubricant terminology	B 03
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LUBRICANT TERMINOLOGY

Lubricants count among the basic design elements in modern combustion engineering. Today, when a vehicle manufacturer develops a new drive system, the respective lubricant is involved in this development process right from the start. Recent years have seen intensive work in the development of low-ash engine oils, such as those used today in modern Euro-4 and Euro-5 engines. The corresponding formulas safeguard a long service life for diesel particulate filters and catalytic converters. Furthermore, compatibility with bio-diesel and the soot absorption capacity are important aspects, particularly for diesel engines. Vehicle manufacturers also continue to focus on reducing CO2 emissions, thus cutting back fuel consumption levels. This again is an aspect that can be influenced in combination with the engine oil or gear oil. Today, low-viscosity oils with reduced HTHS viscosity are increasingly used in modern engine concepts. This helps to minimize friction losses and thus reduce fuel consumption.



DEFINITIONS

ESTER TECHNOLOGY

The success story of Motul products is closely related to ester technology, as verified by the outstanding results obtained with Motul lubricants even under the extreme loads that occur in racing. After all, we have succeeded in making a product series with outstanding properties just that little bit better. Innovative processes have been used to optimize the first-class lubricating capability, adhesion to metallic surfaces, excellent flow behaviour at low temperatures as well as resistance to high temperatures, shear stability and stable viscosity.

VISCOSITY / HTHS VISCOSITY

Viscosity describes the inner friction of fluids and gives an indication of flow behaviour at low and high temperatures.

HTHS viscosity (high temperature high shear) or dynamic viscosity is measured in milli Pascal seconds (mPa*s) at 150 °C and under very high shear stress 10⁶ s⁻¹. This describes the behaviour of the lubricant under operating conditions at the cylinder respectively in the conrod bearing or crankshaft bearing.

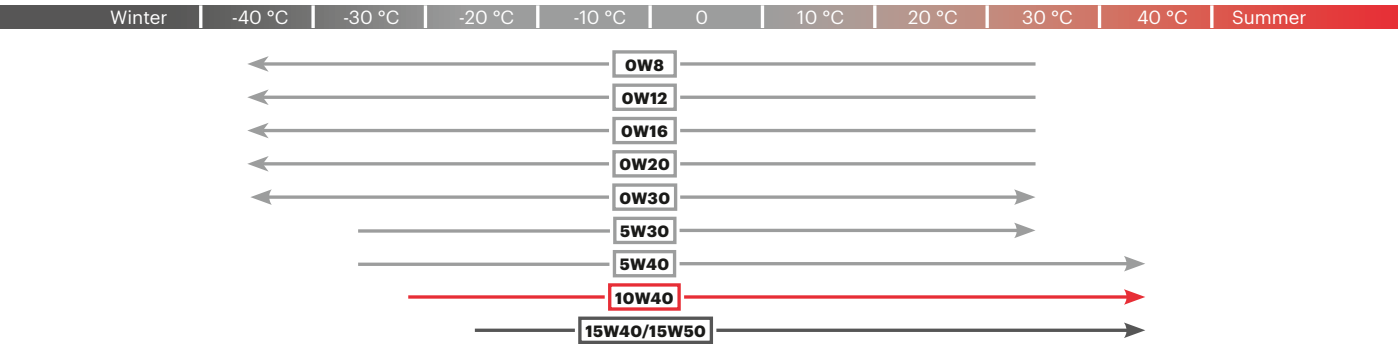
Low HTHS: 2.9-3.5 mPa*s = reduced HTHS viscosity, permits low fuel consumption.

High HTHS: ≥ 3.5 mPa*s = high HTHS viscosity, high wear protection.

SAE VISCOSITY CLASSES

The viscosity classes of engine lubricants are stipulated according to SAE J300 (Society of Automotive Engineers). For example SAE 10W40: the number before the "W" stands for low-temperature viscosity. The smaller the value before the "W", the lower the viscosity of the oil at low temperatures ("W" stands for winter). The number after the "W" stands for high-temperature viscosity. The larger the warm viscosity, the greater the loads that the oil can take at high temperatures. To rule out any confusion between engine and gear oils, the viscosity classes for gear oils are stipulated according to SAE J306 (e.g. SAE 75W90).

TEMPERATURE RANGES FOR USING ENGINE OILS



SAPS LEVEL

- SAPS – defines the content of sulphate ash, phosphorous and sulphur in engine lubricants
- Low SAPS – strictly limited level of sulphate ash (≤ 0.5%), phosphorous (0.05%) and sulphur (≤ 0.2%)
- Mid SAPS – limited level of sulphate ash (≤ 0.8%), phosphorous (0.07-0.09%) and sulphur (≤ 0.3%)
- Full SAPS – no limit on level of sulphate ash, phosphorous and sulphur

API CLASSIFICATIONS

The API classes (American Petroleum Institute) describe the American requirements and quality criteria made of an engine or gear oil.

ACEA SEQUENCES

In view of the fundamental differences between operating conditions and engine characteristics in Europe and America, the ACEA Organisation (Association des Constructeurs Européens d'Automotobiles) introduced its own classification system in 1996. It is based on the API classifications but with a greater focus on the special lubricant requirements of the engines in European motor vehicles together with the respective EURO emission regulations. This also includes successful conclusion of test runs in defined European test engines. The current ACEA-2008 is divided into A-sequences (A1, A3, A5) for car gasoline engines, B-sequences (B1, B3, B4, B5) for car diesel engines, C-sequences (C1, C2, C3, C4) for engine oils with limited SAPS level and E-sequences (E4, E6, E7, E9) for truck diesel engine oils.

FUEL ECONOMY ENGINE OILS

A fuel economy engine oil is an oil that permits low fuel consumption levels.

MANUFACTURER
APPROVALS

BMW

Special oil	Low-viscosity oil for gasoline engines up to model year 1998.
LL-98	For gasoline engines from model year 1998 to 09/2001 with extended maintenance intervals.
LL-01	For gasoline and diesel engines with extended maintenance intervals from model year 09/2001.
LL-04	For gasoline and diesel engines with DPF ¹⁾ , low-emission as per Euro-4/-5, with extended maintenance intervals from model year 2004.

DAIMLER

MB 226.5	For certain gasoline and CDI diesel engines without DPF ¹⁾ with extended maintenance intervals – Assyst Plus.
MB 226.51	For certain CDI diesel engines without DPF ¹⁾ with extended maintenance intervals – Assyst Plus.
MB 229.1	For gasoline and diesel engines. Can no longer be used in current models.
MB 229.3	For gasoline engines (also with compressor) and CDI diesel engines without DPF ¹⁾ with standard maintenance intervals – Assyst Plus.
MB 229.31	For CDI diesel engines with DPF ¹⁾ and with standard maintenance intervals – Assyst Plus.
MB 229.5	For gasoline engines (also with compressor) and CDI diesel engines without DPF ¹⁾ with extended maintenance intervals – Assyst Plus. Specified for certain AMG models in combination with viscosity 5W40.
MB 229.51	For CDI diesel engines with DPF ¹⁾ and extended maintenance intervals – Assyst Plus.
MB 229.52	For new BlueTec engines (e.g. OM 642), low emission as per exhaust standard Euro-6, extremely high demands for ageing stability and fuel consumption compared to MB 229.51. For CDI diesel engines with DPF ¹⁾ , SCR ²⁾ catalytic converter and extended maintenance intervals – Assyst Plus.

PORSCHE

A40	For vehicles from model year 1994, all original Porsche gasoline engines in the 911, Cayman, Cayenne, Boxster and Panamera series as well as Cayenne V6 without extended maintenance interval.
C30	For vehicles with diesel engine and DPF ¹⁾ , Cayenne 3.0 TDI and Cayenne V6 with gasoline engine and extended maintenance intervals. Technically comparable with VW approvals VW 504 00 and 507 00.

RENAULT

RN0700	For all gasoline engines in the Renault Group (Renault, Dacia and Samsung) without turbocharger and for vehicles with 1.5 dCi engine under 100 hp without DPF ¹⁾ and maintenance interval up to 20,000 km or once a year. Valid from model year 2008.
RN0710	Specially for the 2.2 dCi diesel engine with DPF ¹⁾ , gasoline engines with turbocharger including the Renault racing models and diesel engines without DPF ¹⁾ apart from 1.5

RN0720

Demands specially formulated low SAPS oils – engine oils with low levels of sulphur, phosphorous and sulphate ash. Specially for the new models with Euro-4/-5/-6 diesel engines with DPF¹⁾ apart from 2.2 dCi diesel engine with DPF¹⁾. Maintenance intervals up to max. 30,000 km. Valid from model year 2008.

PSA GROUP (PEUGEOT & CITROEN)

Approval system from 2009 for engines in the PSA Group.	
B71 2295	Based on level ACEA A2/B2 with viscosity 15W40 for older vehicles.
B71 2294	Based on ACEA A3/B3 or A3/B4 and PSA in-house tests, e.g. with viscosity 10W40 for older vehicles.
B71 2296	Demands engine oil based on ACEA A3/B4 or A5/B5 and PSA in-house tests, e.g. with viscosity 5W40 for current vehicles with gasoline or diesel engines.
B71 2290	Mid SAPS engine oil based on ACEA C2 and PSA in-house tests with viscosity 5W30 for current gasoline and diesel models with soot particulate filter. Reduced HTHS viscosity cuts fuel consumption. The low-ash formula permits a long service life of the soot particulate filter.
B71 2300	Based on ACEA A3/B4 and PSA in-house tests, e.g. intended in viscosity 10W40 for gasoline models (e.g. 1.8. 2.0, 2.2).
B71 2312	Low SAPS formula based on ACEA C1/C2 with reduced HTHS viscosity, in viscosity class SAE OW30 for lower fuel consumption. Developed for PSA's very latest generation of "BlueHD" diesel engines.

OPEL / GENERAL MOTORS

GM-LL-A-025	For gasoline engines in Ecoflex-Service from model year 2002, maintenance interval max. 30,000 km/2 years. No longer valid since 31-12-2012.
GM-LL-B-025	For diesel engines in Ecoflex-Service from model year 2002, maintenance interval max. 30,000 km/2 years. No longer valid since 31-12-2012.
GM dexos 2 TM	For gasoline and diesel engines with DPF ¹⁾ in Ecoflex-Service within Europe from model year 2010, maintenance interval max. 30,000 km/1 year. Low-ash formula, optimum compatibility with alternative fuels, improved soot absorption capacity. Downwards compatible with GM-LL-A-025 and B-025.

FORD & PREMIER AUTOMOTIVE GROUP

WSS M2C 913C	For gasoline and diesel engines by Ford Europe including TDCi engines with DPF ¹⁾ (Euro-4/-5) up to model year 2012 apart from Ford Galaxy 1.9 TDI, 2.8 V6 gasoline engine, Ford Focus RS and Ford Ka from model year 2009. Downwards compatible with WSS M2C 913B, 913A, 912 A1. Reduced HTHS viscosity, improved soot absorption capacity and compatibility with biogenic fuels.
WSS M2C 913D	For diesel engines by Ford Europe with DPF ¹⁾ (Euro-4/-5) from model year 2012. Prescribed for Ford Transit (04/2012) and Ford Ranger with 2.2 TDCi Duratorq engine. Downwards compatible with WSS M2C 913C, 913B and 913A. Reduced HTHS viscosity, improved soot absorption capacity and compatibility with biogenic fuels.

WSS M2C 917A	For Ford Galaxy 1.9 TDI with pump nozzle, 2.8 V6 gasoline engine (1995-2006) and Ford Ka gasoline and diesel models from model year 2009. High HTHS viscosity.
WSS M2C 925B	Specially prescribed for the new Land Rover and Jaguar gasoline engines (5.0 V8 model year 2010), low emission as per Euro-5. Ultralow viscosity 5W20 combined with lowered HTHS viscosity reduces friction losses and fuel consumption.
WSS M2C 934B	Specially for the new Land Rover and Jaguar diesel engines (2.2 model year 2011, 2.7, 3.0 V6 model year 2010), low emission as per Euro-5 with DPF ¹⁾ . Low SAPS with very low levels of sulphur, phosphorous and sulphate ash. Reduced HTHS viscosity.
WSS M2C 937A	Makes particularly strict requirements in terms of shear stability especially with regard to lube film durability throughout the entire maintenance interval even when operating under extreme thermal or mechanical loads. Specially for high-performance engines such as Ford Focus RS 2.5 Duratec from model year 2009.
WSS M2C 948B	Prescribed for the new EcoBoost engines (1.0, 1.6 model year 2012), low emission as per Euro-5). Ultralow viscosity 5W20 combined with lowered HTHS viscosity reduces friction losses and fuel consumption.
WSS M2C 950A	Specifies the requirements of the engine oil for a flexible service interval of up to 30,000 km or 2 years, based on ACEA C2 specifically designed for modern Euro-6 diesel engine, e.g. 1.5, 1.6, 2.0. Not backwards compatible with FORD WSS M2C 913D, C, B, A.

JAGUAR / LAND ROVER

Since 2014, Jaguar and Land Rover have adopted their own service fill approval system. The Ford specifications previously used are now replaced by the new service fill approvals.	
STJLR.03.5003	Prescribed for all Jaguar and Land Rover models which, until recently, required WSS M2C 913 C. Backwards compatible with engines which used to require Ford WSS M2C 913B.
STJLR.03.5004	Prescribed for all Jaguar and Land Rover models where WSS M2C 925A respectively WSS M2C 925B used to be required. The engine oil meets the highest requirements in terms of viscosity, ageing resistance, viscosity stability, fuel economy, HTHS viscosity (≥ 2.6 mPa*s), wear performance, engine cleanliness, specially for modern Jaguar and Land Rover 5.0L V8 turboengines.
STJLR.03.5005	Prescribed for Jaguar and Land Rover Euro V diesel engines with 2.2 L, 2.7 L and 3.0 L V6. Backwards compatible with diesel engines with DPF ¹⁾ where Ford WSS M2C 934B used to be required.

VOLKSWAGEN

VW 501 01	Conventional multi-grade engine oil for gasoline and naturally aspirated diesel engines with fixed maintenance interval. Oil change interval 15,000 km/1 year. High HTHS viscosity.
VW 502 00	For gasoline engines from model year 1996 with fixed maintenance interval, oil change interval 15,000 km/1 year. High HTHS viscosity.
VW 503 00	For gasoline engines with flexible maintenance interval. Oil change interval 30,000 km/2 years. Reduced HTHS viscosity.

VW 503 01	For supercharged gasoline engines with flexible maintenance interval. Oil change interval 30,000 km/2 years. High HTHS viscosity.
VW 504 00	For gasoline engines with flexible maintenance interval. Oil change interval 30,000 km/2 years. Downwards compatible with VW 502 00, 503 00, 503 01. High HTHS viscosity.
VW 505 00	For diesel engines with and without turbocharger, without pump nozzle injection, without DPF ¹⁾ ex works. Oil change interval 15,000 km/1 year. High HTHS viscosity.
VW 505 01	For diesel engines with and without turbocharger, with pump nozzle injection, without DPF ¹⁾ ex works. Oil change interval 15,000 km/1 year. High HTHS viscosity.
VW 506 00	For diesel engines with flexible maintenance interval without pump nozzle injection, without DPF ¹⁾ ex works. Oil change interval 30,000 km/2 years. Reduced HTHS viscosity.
VW 506 01	For diesel engines with flexible maintenance interval with pump nozzle injection, without DPF ¹⁾ ex works. Oil change interval 30,000 km/2 years. Reduced HTHS viscosity.
VW 507 00	For diesel engines with flexible maintenance interval with pump nozzle or common rail injection, with DPF ¹⁾ ex works. Downwards compatible with VW 505 00, 505 01, 506 00, 506 01. Exception: R5 and V10 TDi with pump nozzle injection up to model year 12/2006. Oil change interval 30,000 km/2 years. High HTHS viscosity.

VOLVO

VCC 95200377	Prescribed for gasoline engines (B5....., B6....., B8.....) and diesel engines (D5.....) as well as hybrid drives (D8. PEHV) from model year 2005. Along with the new approval (07/2015), the engine oil specially for Volvo engines must meet the highest requirements in terms of ageing resistance, exhaust emissions, viscosity stability, fuel economy, wear performance and engine cleanliness.
VCC RBSO-2AE	The engine oil must offer high thermal stability while guaranteeing optimum compatibility with modern exhaust gas aftertreatment systems complying with Euro-6. The requirements in terms of viscosity at very low temperatures to improve cold-start performance, to cut CO ₂ emissions and to reduce fuel consumption apply as well. The demand is a measurable reduction in fuel consumption of 3.4% compared with a reference oil with viscosity SAE 15W40.

¹⁾ DPF – diesel particulate filter
²⁾ SCR – selective catalytic reduction

SPECIFICATIONS

ACEA SEQUENCES

CAR GASOLINE ENGINES

- A1 Fuel economy engine oils with reduced HTHS viscosity.
- A2 Specification for conventional low-viscosity engine oils. No longer valid!
- A3 Conventional low-viscosity engine oils with higher requirements than A2. Exceeds A2 with regard to evaporation losses, oxidation stability and piston cleanliness.
- A5 Fulfils the highest requirements in terms of ageing resistance, viscosity stability, fuel economy, exhaust emissions, wear behaviour and engine cleanliness particularly for extended maintenance intervals. The reduced HTHS viscosity permits low fuel consumption.

CAR DIESEL ENGINES

- B1 Fuel economy engine oils with reduced HTHS viscosity.
- B2 Specification for conventional low-viscosity engine oils. No longer valid!
- B3 Conventional low-viscosity engine oils with higher requirements than B2. Exceeds B2 with regard to cam wear, piston cleanliness and viscosity stability with high soot load.
- B4 Requires outstanding cleaning and dispersion properties together with increased resistance to oil thickening by soot particles, particularly for direct injection diesel engines, apart from PD diesel.
- B5 Fulfils the highest requirements in terms of ageing resistance, viscosity stability, fuel economy, exhaust emissions, wear behaviour and engine cleanliness particularly for extended maintenance intervals. The reduced HTHS viscosity permits low fuel consumption.
- C1 Low SAPS: reduced HTHS viscosity 2.9-3.5 mPa*s, low viscosity (OWX, 5WX), features such as A5/B5 but with strictly limited levels of phosphorous ($\leq 0.05\%$), sulphur ($\leq 0.2\%$) and sulphate ash ($\leq 0.5\%$).
- C2 Mid SAPS: reduced HTHS viscosity 2.9-3.5 mPa*s, low viscosity (OWX, 5WX), features such as A5/B5 but with higher levels of phosphorous (0.07-0.09%), sulphur ($\leq 0.3\%$) and sulphate ash ($\leq 0.8\%$) than for C1.
- C3 Mid SAPS: high HTHS viscosity ≥ 3.5 mPa*s, low viscosity (OWX, 5WX), features such as A5/B5 but with higher levels of phosphorous (0.07-0.09%), sulphur ($\leq 0.3\%$) and sulphate ash ($\leq 0.8\%$) than for C1.
- C4 Low SAPS: high HTHS viscosity ≥ 3.5 mPa*s, low viscosity (OWX, 5WX), features such as A3/B4 but with higher levels of phosphorous (0.09%) than for C1, sulphur ($< 0.2\%$) and sulphate ash ($< 0.5\%$). Low evaporation losses.

API CLASSES

CAR GASOLINE ENGINES

- SN Makes higher demands of the engine oil than API SM in terms of ageing resistance, viscosity stability, fuel economy, engine cleanliness, compatibility with exhaust gas after-treatment systems and with regard to flexible maintenance intervals. Valid since 2010.
- SM Makes higher demands of the engine oil than API SL in terms of ageing resistance, viscosity stability, fuel economy, wear behaviour, exhaust emissions and engine cleanliness, particularly for extended maintenance intervals. Valid since 2005.
- SL Makes higher demands of the engine oil than API SJ in terms of ageing resistance, viscosity stability, fuel economy and engine cleanliness for extended maintenance intervals. Valid since 2001.

TRUCK DIESEL ENGINES

- CJ-4 Valid since 2006. For high-performance 4-stroke diesel engines for the emission limit values applicable from 2010 for on- and off-road vehicles. Specially for applications with exhaust gas recirculation (DPF[®]) and the use of diesel fuel with a sulphur content between 15 ppm (0.0015%) and 500 ppm (0.05%). Backwards compatible with CF-4, CG-4, CH-4, CI-4 and CI-4 Plus.
- CI-4 Valid since 2002. For high-performance 4-stroke diesel engines with the emission limit values introduced in 2002, applicable from 2004. Specially for applications with exhaust gas recirculation, extended service intervals and the use of diesel fuel with a sulphur content of up to 0.5%. Backwards compatible with CD-, CE-, CF-4, CG-4, CH-4.
- CH-4 Valid since 1998. For high-performance 4-stroke diesel engines to meet the emission limit values applicable from 1998 and designed for use of diesel fuel with a sulphur content of up to 0.5%. Backwards compatible with CD-, CE-, CF-4, CG-4.

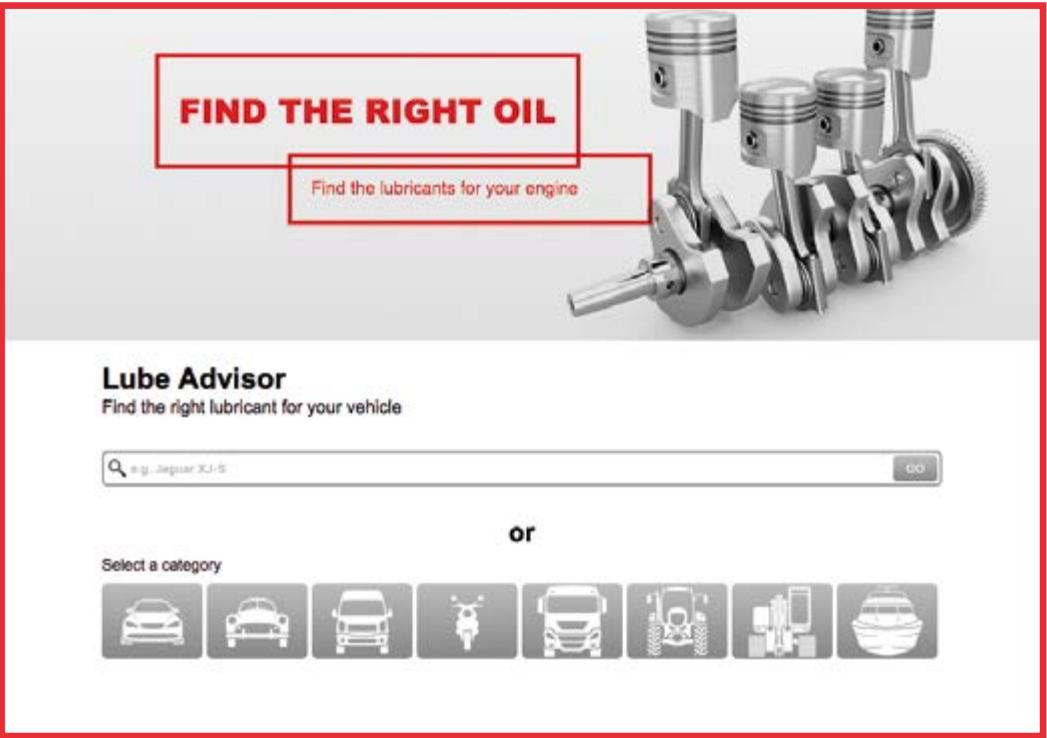
GEAR OILS

- GL 1 Gear oil for low-loaded manual gearboxes, specially for vintage cars.
- GL 2 Gear oil for medium-loaded axle drives with worm gear drives.
- GL 3 Mild-alloy gear oil for low-loaded gearboxes and axle drives.
- GL 4 For high-loaded manual gearboxes and low-loaded hypoid axles.
- GL 5 Gear oil for high-loaded manual gearboxes and hypoid axle drives.



MOTUL LUBE GUIDE

CURRENT LUBRICANT RECOMMENDATIONS FOR CARS, VANS, TRUCKS / BUSES, TRACTORS, MOTORCYCLES AND VINTAGE VEHICLES

Fast, reliable and up-to-date: the Motul Lube Guide for cars, vans, trucks/buses, tractors, motorcycles and vintage vehicles puts the garage on the safe side, every time. It also gives the user the right lubricant recommendations for each specific vehicle, based on category, brand, model or direct search, together with detailed information about the corresponding products. On www.motul.com, you will find the Lube Guide button on the homepage, giving you access to the latest information at all times.



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 Approval
  Approval is covered (the highest approval is downwards compatible)
  Performance

[illegible]

A 20x20 grid visualization of a sparse matrix. The diagonal elements are dark blue, while the off-diagonal elements are light gray. A red border is visible on the right side of the grid.

CLOTHING	ADVERTISING MATERIAL	SALES PROMOTION	TRAININGS & SEMINARS	EQUIPMENT & ACCESSORIES	MARINE, GARDEN & AGRICULTURE PRODUCTS	MOTORCYCLE & POWERSPORT PRODUCTS	LUBE GUIDE	PRODUCTS FOR CARS & TRUCKS