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Product Portfolio | Lubricants 2026

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PREMIUM PERFORMANCE



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Product data sheets / safety data sheets apply in their current version. No liability can be accepted for printing errors.

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OIL FINDER



Achieving realistic but ambitious goals together.

Engine oils for passenger cars

Product name	Specifications		Approvals		Recommended for	Application
Xenon Alpha Synth 0W-16	API ILSAC	SQ Resource Conserving GF-7B				High-performance low-friction engine oil formulated with synthetic technology. Designed for use in the latest passenger car petrol engines (including turbocharged and direct injection engines) as well as in hybrid vehicles.
Xenon Alpha FE 0W-20	ACEA API ILSAC	C5/C6 SQ, SP [RC] GF-6A, GF-7A	BMW MB-Approval	LL-17 FE+ 229.71	Chrysler MS-12145, Fiat 9.55535-GSX, Ford WSS-M2C947-B1, Ford WSS-M2C962-A1, Ford WSS-M2C954-A1, Jaguar Land Rover STJLR.03.5006, MB-Sheet 229.72, Opel / Vauxhall OV 0401547-A20, Volvo VCC C6SP	High-performance low-friction engine oil formulated with synthetic technology. Engineered for use in passenger car engines fitted with the latest exhaust after-treatment devices [DPF and SCR for diesel cars, turbochargers and GPF for petrol-powered cars]. Developed according to Euro VI emission standards.
Xenon Alpha Synth 0W-20	API ILSAC	SN GF-5				High-performance low-friction engine oil formulated with synthetic technology. Suitable for petrol-powered passenger car engines (turbocharged and direct injection engines)
Xenon Ultra FE 0W-20	ACEA	C5	VW	508 00/509 00	Ford WSS-M2C956-A1, Porsche C20	High-performance low-friction engine oil. Engineered for use in petrol and diesel engines fitted with the latest exhaust after-treatment devices (DPF and SCR for diesel cars, turbochargers and GPF for petrol-powered cars) as well as in hybrid vehicles
Xenon Alpha C2 0W-30	ACEA	C2			Fiat 9.55535-GS1/DS1, Ford WSS-M2C950-A, VW VWC 53035	High-performance low-friction engine oil designed for use in the latest petrol and diesel-powered passenger cars, also covering the requirements of turbocharged vehicles with DPF or SCR devices
Xenon Alpha PE 0W-30	ACEA	C1			Jaguar Land Rover STJLR.03.5007, PSA (Peugeot/Citroen) B71 2312 / B71 2302, Toyota	Low-ash synthetic high-performance low-friction engine oil, particularly for vehicles with particulate filters and other exhaust after-treatment systems
Xenon Alpha Synth 0W-40	ACEA API	A3/B4 SM/CF			BMW LL-01, MB-Sheet 229.3, VW 502 00 / 505 00	Fully synthetic high-performance low-friction engine oil designed for use in petrol and diesel-powered passenger cars, also covering requirements of turbocharged vehicles and direct injection engines
Xenon Alpha FO Eco 5W-20	ACEA API	C5 SN			Ford WSS-M2C948-B, Jaguar Land Rover STJLR.03.5004	High-performance low-friction engine oil formulated with synthetic technology. Designed for the latest generation of passenger car petrol engines. Particularly suited for use in Ford EcoBoost engines
Xenon Suprema Longlife 5W-30	ACEA API	C3 SQ	BMW MB-Approval VW	LL-04 229.52 504 00/507 00	Opel / Vauxhall OV 0401547-D30, Opel / Vauxhall OV 0401547-G30, Porsche C30	Synthetic high-performance engine oil for newest generation passenger cars with extended maintenance intervals
Xenon Alpha LA 5W-30	ACEA API	C2/C3 SQ	MB-Approval MB-Approval	229.51 229.52	BMW LL-04, Fiat 9.55535-S1 Opel / Vauxhall OV 0401547-G30, Opel / Vauxhall OV 0401547-D30, VW 505 00 / 505 01	Synthetic high-performance low-friction engine oil with decreased high-temperature viscosity. Recommended for ACEA A3/B4
Xenon Alpha C2 5W-30	ACEA	C1			Ford WSS-M2C934-B, Jaguar Land Rover STJLR.03.5005, Mazda, Mitsubishi, Peugeot/Citroen	Low-ash high-performance low-friction engine oil engineered with synthetic components and a Mid SAPS formulation (mid levels of sulphated ash, phosphorus and sulphur)

Engine oils for passenger cars

Product name	Specifications		Approvals		Recommended for	Application
Xenon Alpha C4 5W-30	ACEA	C3/C4			MB-Sheet 226.51/229.51, Renault RN 0720	Synthetic high-performance low-friction oil specially developed for passenger cars with DF, most notably Renault/Citroen vehicles
Xenon Alpha FO 5W-30	ACEA API	A5/B5 SP			Ford WSS-M2C913-C/D, Jaguar Land Rover STJLR.03.5003, Renault RN 0700, VW VWC 53036	Synthetic high-performance engine oil providing a low high-temperature high-shear rate (HTHS)
Xenon Alpha Synth 5W-40	ACEA API JASO	A3/B4 SN/CF MA	MB-Approval	229.3	BMW LL-01, MB-Blatt 226.5, Opel GM-LL-B-025, Porsche A40, Renault RN 0700 / RN 0710, VW 501 01, VW 502 00 / 505 00	Synthetic high-performance low-friction engine oil
Xenon Alpha C3 5W-40	ACEA API	C3 SN/CF	MB-Approval	229.51	BMW LL-04, Ford WSS-M2C917-A, Porsche A40, Opel GM dexos 2, Opel GM-LL-A-025 / GM-LL-B-025, VW 505 00 / 505 01	High-performance low-friction engine oil formulated with latest synthetic technology providing a particularly good low temperature behaviour (pour point -42° C)
Xenon Alpha Stellar 5W-40	ACEA API JASO	A3/B4 SP MA	MB-Approval	229.5	BMW LL-01, Fiat 9.55535.M2, Porsche A40, PSA B71 2296, Renault RN 0700 / RN 0710, VW 502 00 / 505 00	High-performance low-friction engine oil formulated with latest synthetic technology providing a particularly good low temperature behaviour (pour point -42° C)
Xenon Alpha Synth 10W-30	API ILSAC	SN GF-5				High-performance low-friction engine oil engineered for use in passenger car petrol engines, including turbo versions and direct injection engines. Particularly suitable for engines of Asian manufacturers
Xenon Alpha Stellar 10W-40	ACEA API	A3/B4 SN/CF			MB-Sheet 229.1, VW 501 01 / 505 00	High-performance semi-synthetic low-friction engine oil designed for use in petrol and diesel-powered passenger cars, including those equipped with turbo diesel or catalytic converters
Xenon Alpha LL 10W-40	ACEA API	A3/B3-Performance SL/CF			MB-Sheet 229.1, VW 501 01 / 505 00	High-performance low-friction engine oil formulated with latest synthetic technology designed for use in petrol and diesel-powered passenger cars, including those equipped with turbo diesel and catalytic converters
Xenon Alpha Classic 15W-40	ACEA API	A3/B3 SL/CG-4			MB-Sheet 229.1	Universal multigrade engine oil
Xenon Alpha Classic 20W-50	ACEA API	A3/B4-Performance SL/CG-4			Complies with the specifications of former ACEA A3/B4	Universal multigrade engine oil
Pirate Pace 5W-50	ACEA API	A3/B4 SN/CF			BMW LL-01, MB-Sheet 229.3, Porsche A40, VW 502 00 / 505 00	High-performance universal multigrade passenger car engine oil based on synthetic technology, designed for use in racing vehicles as well as petrol and diesel engines, including turbo, multi-valve and direct injection engines
Pirate Pace 10W-60	ACEA API	A3/B4-Performance SL/CF				Fully synthetic high-performance passenger car engine oil designed for use in sports and racing vehicles as well as petrol and diesel engines with or without turbocharger

Engine oils for commercial vehicles

Product name	Specifications		Approvals		Recommended for	Application
Argon Truck Blue Top 5W-30	ACEA ACEA API JASO	E8, E11 E6, E7, E9 CK-4/SN DH-2	Deutz DTFR Mack MAN Renault Scania Volvo	DQC IV-18 LA 15C110 EOS-4.5 M 3677 VI RLD-3 LDF-4 VDS-4.5	Caterpillar ECF-3, Cummins CES 20086, DAF PSQL 2.1 E LD (long drain), Detroit Diesel DDC 93K222, Deutz TTCD, DTFR 15C120, Ford WSS-M2C213-A1, IVECO 18-1804 TLS E6, IVECO 18-1804 TLS E9, MAN M 3477 / M 3775, MTU MTL 5044 Type 3.1	Low-SAPS low-friction engine oil designed for use in commercial vehicles with and without DPF. Meets the latest emission standards Euro IV, Euro V and Euro VI
Argon Truck Ultra V 10W-30	ACEA API JASO	E7, E9, E11 CK-4/CJ-4 DH-2	DTFR Mack MAN Renault Volvo	15C100 EOS-4.5 M 3775 VI RLD-3 VDS-4.5	Caterpillar ECF-3, Cummins CES 20086, DAF PSQL 2.1 E, Detroit Diesel DFS 93K222, Deutz DQC III-18 LA, Ford WSS-M2C171-F1, MAN M 3575, MTU MTL 5044 Type 2.1	Low-SAPS high-performance low-friction engine oil with extended oil change intervals
Argon Truck Blue 10W-40	ACEA ACEA API JASO	E8, E11 E6, E7, E9 CK-4/CI-4 plus DH-2	Deutz DTFR Mack Renault Volvo	DQC IV-18 LA 15C120 EOS-4.5 VI RLD-3 VDS-4.5	Caterpillar ECF-3, CNH MAT 3571, Cummins CES 20081 / 20086, Detroit Diesel 93K222, Deutz TTCD, DTFR 15C110 / 15C100 / 13D110, IVECO 18-1804 TLS E9, MAN M 3775 / M 3477, MTU MTL 5044 Typ 3.1, Scania Low Ash, Voith Retarder Type B	Low-SAPS low-friction engine oil designed for use in commercial vehicles with and without DPF. Meets the latest emission standards Euro IV, Euro V and Euro VI
Argon Truck FE Ultra 10W-40	ACEA API	E4, E7 CI-4			Cummins CES 20077 / 20078, DAF, Deutz DQC IV-18, DTFR 15B120, DTFR 13D110, Mack EO-N / EO-N-PP-03, MAN M 3277, MTU MTL 5044 Typ 3, Renault VI RLD-2, Scania LDF-3, Voith Retarder Typ B, Volvo VDS-3	UHPD engine oil with extended oil change intervals. Recommended for use in Scania Euro VI engines
Argon Truck FE 10W-40	ACEA API Global JASO	E4, E7 CI-4 DHD-1 DH-1	DTFR Mack Renault Volvo	15B120 EO-N VI RLD-2 VDS-3	Cummins CES 20078, DAF, Deutz DQC III-18, Detroit Diesel 93K215, MAN M 3277, MTU MTL 5044 Type 3	UHPD engine oil with extended oil change intervals
Argon Truck Blue FE 15W-40	ACEA API JASO	E9, E11 CK-4/SN DH-2			Caterpillar ECF-2 / ECF-3, Cummins CES 20081, Detroit Diesel DDC 93K218, Deutz DQC III-10 LA, DTFR 15C100, Ford WSS-M2C 171-F1, John Deere JDQ 78X, Mack EO-O Premium Plus, MAN M 3575, MTU Type 2.1, Renault VI RLD-3, Volvo VDS-4	Low-SAPS engine oil with extended oil change intervals and suited for use in engines fitted with turbochargers and intercoolers. Complies with the requirements of Euro IV, Euro V and Euro VI emission standards
Argon Truck Blue Stellar 15W-40	ACEA API JASO	E7, E9, E11 CK-4/CJ-4/ SN DH-2	Mack Renault Volvo	EOS-4.5 VI RLD-3 VDS-4.5	Allison TES 439, Caterpillar ECF-3, Cummins CES 20086, Detroit Diesel DFS 93K222, Deutz DQC III-18 LA, DTFR 15C100, Ford WSS-M2C171-F1, MAN M 3775 / M 3575, MTU MTL 5044 Type 2.1	Low-SAPS high performance engine oil developed for year-round use in exhaust gas optimised engines with exhaust aftertreatment systems. Complies with the requirements of Euro V and Euro VI emission standards
Argon Truck Mono 10W, 20W-20, 30, 40, 50	API	CF/CF-4/SF			Allison C-4, Caterpillar TO-2, MAN 270, MB-Sheet 228.0, MTU MTL 5044 Type 1, Volvo VDS, ZF TE-ML 04A	Monograde engine oils suitable for petrol and diesel engines. Complies with former ACEA E2 standards.

Engine oils for passenger cars and commercial vehicles

Product name	Specifications		Approvals		Recommended for	Application
Argon Fleet Extra Eco 10W-40	ACEA API Global JASO	E7, A3/B4 CI-4 DHD-1 DH-1	DTFR Mack Renault Volvo	15B110 EO-N VI RLD-2 VDS-3	Allison C-4, Cummins CES 20076 / 20077 / 20078, DAF, Detroit Diesel DDC 93K215, Deutz DQC III-18, DTFR 13D100, MB-Sheet 229.1H, Mack EO-M Plus, MAN M 3275-1, MTU MTL 5044 Type 2, Voith Retarder Typ A	High-performance low-friction engine oil designed for commercial and construction vehicles. Also suitable for petrol and diesel passenger cars with or without turbo charger
Argon Fleet 15W-40	ACEA API Global JASO	E7, A3/B4 SL/CI-4 DHD-1 DH-1	MTU	MTL 5044 Type 2	Caterpillar ECF-2, Cummins CES 20078, Detroit Diesel DDC 93K215, Deutz DQC III-18, DTFR 15B110, MB-Sheet 229.1H, Mack EO-N, MAN M 3275-1, Renault VI RLD / RLD-2, Volvo VDS-3	Universal multigrade engine oil designed for mixed fleets
Argon Fleet Eco 15W-40	ACEA API Global JASO	E7 CI-4/SL DHD-1 DH-1			Caterpillar ECF-1a / ECF-2, Cummins CES 20076 / 20077 / 20078, DAF, Detroit Diesel DDC 93K215, Deutz DQC III-18, DTFR 15B110 (MB 228.3), Mack EO-N, MAN M 3275-1, MTU MTL 5044 Type 2, Renault VI RLD / RLD-2, Volvo VDS-3	Universal year-round multigrade engine oil designed for mixed fleets
Argon Fleet 20W-50	ACEA API	A3/B4 Performance CG-4/SL			DTFR 15B110 (MB 228.3), MAN M 3275-1, Volvo VDS	Universal multigrade engine oil designed for mixed fleets
Argon Fleet Plus 20W-50	ACEA API Global JASO	E7, A3/B4 CI-4/SL/CF DHD-1 DH-1			Allison C-4, Caterpillar ECF-1a / ECF-2, Detroit Diesel DDC 93K215, DTFR 15B110, MB-Sheet 229.1	Universal multigrade engine oil designed for petrol and diesel engines including turbo versions

Four-stroke engine oils for motorcycles

Product name	Specifications		Application
Pirate Race 10W-40	ACEA API JASO	A3 SN MA 2	High-performance engine oil with synthetic components designed for use in four-stroke motorcycle engines
Pirate Race 10W-30	ACEA API JASO	A3 SN MA 2	High-performance engine oil with synthetic components designed for use in four-stroke motorcycle engines
Pirate Cruise 20W-50	API JASO	SG MA2	Mineral engine oil developed for use in four-stroke motorcycle engines

You'll never drive alone.

Your satisfaction is our drive.

Universal oils for agricultural vehicles

Product name	Specifications		Recommended for	Application
Krypton Eco 10W-30 (STOU) 10W-40 (STOU)	SAE SAE API API HLP, HVLP, HLPD ISO VG	80W-85 (gear box) 80W-90 (gear box) CG-4/SF (engines) GL-4 (gear box) (hydraulic) 46-100	ACEA E3-Performance, Allison C-4, CAT TO-2, Case MS 1204/1206/1207/1209, CNH MAT 3525/3526, Fendt Vario, Ford New Holland 82009201/2/3, Ford M2C 86 B/C / 134 D / 159 B/C, John Deere JDM J20C/J20D/J27, Massey Ferguson MF CMS M 1135/-39/-43/-44/-45, MB-Sheet 227.1, Sperry Vickers Eaton M2950S/l-280-S, Sauer Sundstrand Danfoss Hydrostatic Trans Fluid, ZF TE ML 06B* (covers 06C/06R) / 06F / 07B *transmissions of car model years from 09/2011 are not covered	Multigrade multi-purpose oil (STOU) for tractors and agricultural machinery. Suitable for engines, hydraulic and transmission systems as well as wet brakes in accordance with guidelines of the manufacturer
Krypton Eco UTTO	API ISO VG SAE	GL-4 46-68 80W / 10W-30 (gear box)	AGCO Powerfluid 821 XL, AGCO Q-186 (White farm), Allison C-4, Case New Holland CNH MAT 3505 / 3506 / 3509 / 3525 / 3526, Case MS 1206 / 1207 / 1209 / 1210 / 1230, Caterpillar TO-2, CLAAS / Renault, Fendt Vario, Ford M2C 86 B/C / 134-D, John Deere JDM J 20 C / J 20 D, Komatsu (Wet Brake Axle), Kubota UDT, Landini, Massey Ferguson MF CMS M 1135 / 1141 / 1143, New Holland FNHA 2-C-200.00 / 201.00, NH 410 B, SAME – Deutz – Fahr, Volvo WB 101, ZF TE-ML 03E / 05F / 06K / 17E / 21F	Hydraulic transmission fluid (UTTO) servicing farm tractors and construction machinery. Also suitable for transmission systems and wet brakes in accordance with the guidelines of the manufacturer.
Krypton Trans 10W, 30, 50	API	GL-4/CF	Allison C-4, Caterpillar TO-2/TO-4, DANA-OHTM-TO-10W/-30/-50, Komatsu KES 07.868.1, Sperry Vickers Eaton M2950S/l-280-S, ZF TE-ML 03C (only for Mabanol Krypton Trans 10W and Trans 30), ZF TE-ML 07D / 07F (only for Mabanol Krypton Trans 30)	Monograde hydraulic and transmission fluid, specially formulated for use in construction and agricultural machinery (also suitable for wet brakes)

Two-stroke engine oils

Product name	Specifications		Recommended for	Application
Delta 2T Synth	API ISO JASO TISI	TC -L-EGD FD	Husqvarna Chainsaw, Piaggio, Rotax Snowmobile	Fully synthetic, low-smoke two-stroke engine oil, self-mixing, also suitable for separate lubrication
Delta 2T-R	API ISO JASO TISI	TC -L-EGD FC	Husqvarna Chainsaw	Semi-synthetic low-smoke two-stroke engine oil, self-mixing
Delta 2T-M	API JASO ISO	TC FB -L-EGB		Two-stroke engine oil for separate and mixed lubrication, self-mixing
Delta Outboard 2T	NMMA	TC-W3		High-performance two-stroke engine oil for outboard engines, self-mixing

Engine coolants

Product name	Norms/test methods/ specifications	Recommended for	Application
Engine Coolant Premium ++		AFNOR NF R 15601, ASTM D 3306, BS 6580, CUNA NC 956-16 (2012), Liebherr LH-01-COL3A, MAN 324 Si-OAT, MB-Sheet 325.5 / 325.6, SAE J-1036, Scania 1451, Steyr MAT 3624, VW / Seat / Audi / Skoda TL 774 G, particularly suited for classic cars	Nitrite-, amine- and phosphate-free engine coolant based on ethylene glycol (ethanediol, monoethylene glycol) and a silicon additive package
Engine Coolant Premium		Chrysler MS 9176, Ford ESE M97B49-A, Ford ESD M97B49-A, Ford WSS-M97B44-D, John Deere H 24 B1 und C1, MB-Sheet 325.3, OPEL GM QL 130100, Renault 41-01-00, Porsche/Audi/VW/Seat/ Skoda TL 774 F, VOLVO (Reg. NDeutz/MWN 0199-2091 2 edition (C.W.) o 260)	Nitrite-, amine-, phosphate, borate and silicate-free engine coolant. Suitable for all metals and metal alloys in the cooling system, including all-aluminum engines
Engine Coolant Extra		BMW N 600 69.0, Chrysler MS 9176, Ford ESD M97 B49, Ford ESD M97 B49-A, Ford WSS-M97B44-C, GM US 6277 M, MAN 324 Type NF, MB-Sheet 325.0, Opel GM QL 130100, Porsche/Audi/VW/Seat/ Skoda TL 774 C, Volvo (Reg. No 260)	Nitrite-, amine- and phosphate-free engine coolant based on monoethylene glycol. Also suitable for aluminium engines
Engine Coolant Basic		BMW N 600 69.0, Ford ESD M97 B49, Ford ESD M97 B49-A, Ford WSS-M97B44-C, GM US 6277 M, MAN 324 Type NF, MB-Sheet 325.0, Opel GM QL 130100, Porsche/Audi/VW/Seat/Skoda TL 774 C	Nitrite-, amine- and phosphate-free engine coolant, based on monoethylene glycol. Also suitable for cast iron and aluminum engines
Engine Coolant Premium EVO		VW / Seat / Audi / Skoda, VW TL 774 L	Nitrite-, amine- and phosphate-free engine coolant, based on monoethylene glycol. Longlife coolant with extended maintenance intervals
Coolant PG			Heat transfer and cooling medium based on propylene glycol. Used particularly in the food and beverage industry due to the very low level of oral toxicity

Antifreeze windscreen washer

Product name	Application
Screen Clean Winter Concentrate -60°C	Antifreeze windscreen washer concentrate. Suitable for polycarbonate glass as well as for vehicles with flat spray nozzles. It is biodegradable as well as methanol-free. A two-to-one antifreeze to water ratio ensures frost protection up to -30°C

Brake fluids

Product name	Specifications	Application
Brake Fluid DOT-4	FMVSS 116 DOT 4 / DOT 3, SAE J1704, SAE J1703, ISO 4925 (Classes 3 & 4)	Synthetic brake fluid suitable for use in hydraulic brake systems with disc or drum brakes

Automatic transmission fluids

Product name	Approvals	Recommended for	Application
Radon Gear ATF III	DTFR 13C100 (MB 236.1) MAN 339 Type L1/V1/Z1	Allison C-4, Allison TES 389, Caterpillar TO-2, Ford Mercon, GM ATF Dexron III H, MAN 339 Type L2, MB-Sheet 236.9, ZF TE-ML 04D / 05L / 09 / 14A / 21L, Voith H55.6335.XX, Volvo 97340 / 97341	Automatic transmission fluid in accordance with GM DEXRON III and Ford Mercon
Radon Gear ATF III MV	DTFR 13C170 (MB 236.9) MAN 339 Type V2 / Z2 MAN 339 Type Z 11 ZF TE-ML 04D/14B/20B/25B	Aisin Warner JWS 3309, Allison TES-295 / -389 / Allison C-4, BMW 7045E / 8072B / LA 2634 / LT 71141 / M 1375.4, Chrysler ATF +3 / +4 / MOPAR ASRC, Ford Mercon V, GM DEXRON III H / III G / II D, Honda ATF Z-1, Hyundai / KIA SP-II / SP-III / JWS 3314 / JWS 3317, Idemitsu K17 [JATCO], Isuzu NPR ECO MAX / NPR HD / NPR XD / NQR und NRR-SCS, JASO 1-A, KIA Red-1 / Red-1K, MAN 339 V1 / Z1, DTFR 13C100/13C120/13C140, MB-Sheet 236.1 / 236.2 / 236.3 / 236.5 / 236.6 / 236.7 / 236.10 / 236.11 / 236.12 / 236.14 / 236.15 / 236.41 / 236.81 / 236.91, Mazda ATF-M III / ATF-MV, Mitsubishi Diaqueen ATF J3 / SP-II / SP-III, Nissan 402 / Nissan Matic-D/J/K, PSA AL-4, Renault DP-0, Saab 3309, Suzuki 3314 / 3317, Subaru ATF / ATF-HP, Toyota T / T-II / T-III / T-IV, Voith H55.6336.xx, Voith-DIWA H59.633648, Volvo 97340 / 97341, Volvo 4 speed (P/N 1161621) / (P/N 1161540), VW G 052 162 / G 052 990 / G 055 025 / G 055 005 / G 055 162 / G 052 540, ZF TE-ML 03D / 05L / 09 / 11A / 11B / 14A / 16L / 16R / 17C / 21L	Universal high-performance automatic transmission oil in accordance with GM DEXRON IIIH, IIIG, IID
Radon Gear ATF VI	Ford Mercon LV GM ATF Dexron VI	Aisin Warner JWS 3309 / JWS 3324 / AW-1 / AW-2, Audi 5 HP LT 71141, Audi / VW G 052 025-A2 / G 053 025-A2 / G 052 162 / G 052 162-A1-A2 / G 055 025-A2 / G 055 162-A2-A6 / G 060 162 / G 052 990 / G 055 540[A2] / G 052 055, BMW JWS 3309 (T-IV) / LA 2634 / LT 71141 / 7045E / ETL 8072B, BMW M 1375.4 / ATF 3+, BMW ZF 5HP18FL / 5HP24 / 5HP30, Chrysler ATF+ / +2 / +3, Fiat T-IV type / JWS 3309 / 9.55550-AV5, Ford Mercon FNR5 / M2C138-CJ / M2C166-H / WSS M2C 922 A1 / 924 A (XT-8-QAW), Honda ATF 3.1 / DW-1, Isuzu BESCO ATF-II / ATF-III / ATFSP, Jaguar ATF 3403 M115 / JLM 20238 / LT 71141 / ZF 5HP 24, Kia SP-II / SP-III / SP-IV / SP-IVM / Red 1, Mazda ATF D-II / M-III / M-V / FZ / F-1 / S-1 / N-1 / 3317, Mini / Mini Cooper T-IV, Mitsubishi Diaqueen ATF-PA, Nissan Matic Fluid C / D / J / P / S, Opel / GM 19 40 700 / 19 40 767, Opel / GM 21005966 Transaxle, Opel / GM 2217466 / 889200925 / 9986195, Peugeot ZF 4HP20, Peugeot / Citroen Z 000169756, Peugeot / Citroen (PSA) AL4, Porsche ATF 3403 M115 / Z 000196756, Porsche 000 043 205 09 / -28, Porsche 99917 547 00 (A2), Suzuki ATF 5AT / 2326 / 2384 K / 3309 / 3314 / 3317, Toyota ATF D-II / D-III / ATF T-III / T-IV / WS, Voith 55.6336.XX (G607), Volvo CE 97340 / 97325 / 97335, Volvo PN 116 1521 / -1540, Volvo PN 116 1640 / -1621, VW 5 HP (ZF 5 HP 30) / 5HP (18FL, 19FL, 24A, 30), VW G US 000 162 / TL 521 61, ZF all 3&4 Speed Transmissions, ZF 6 Speed Transmissions, ZF 8&9 Speed Transmissions, ZF TE-ML 05L / 09 / 11A / 11B / 21L E-Mobility: Ford Escape Hybrid eCVT, Jatco JR712E, Toyota THSII	Universal high-performance automatic transmission oil in accordance with GM ATF DEXRON VI and Ford Mercon LV
Radon Gear ATF D II	DTFR 13C100 (MB 236.1) MAN 339 Type V1/Z1/L2	Allison C4, Caterpillar TO-2, Ford Mercon, GM Dexron II D, Voith H55.6335.XX, MB-Sheet 236.5 / 236.6 / 236.7, ZF TE-ML 04D / 05L / 09 / 14A / 21L	Automatic transmission oil in accordance with GM Dexron II D
Radon Gear ATF CVT		Audi Multitronic, BMW Mini Cooper EZL799 / EZL799A / ZF CVT V1, Chery CVT / WCF-1, Citroen PSA Standard 9735 EF, Daihatsu Ammix CVT DFE, Daihatsu Ammix CVT Fluid DC / DFC, Dodge / Jeep / Chrysler NS-2, Dodge / Chrysler / Jeep Mopar CVT+4, Fiat Tutela Car CVT N.G., Ford WSD-M2C-199A, GM / Saturn DEX-CVT / CVT I-Green2, GM VT40 / GM HP CVT, Honda HMMF Ultra (without starting clutch) / HCF2, Honda Z-1 (CVT model, without starting clutch, Honda Ultra HEVf-Type 1, Hyundai / KIA CVT-1 / SP III (CVT model), Idemitsu CVTS-EX1, Lexus Fluid TC / Fluid FE, Mazda JWS 3320, MG Rover EM-CVT, Mitsubishi CVT Fluid-MA1, Mitsubishi CVTF-J1 / -J4 / -J4+, Mitsubishi CVTF ECO J4, Mitsubishi Diaqueen SP-III (CVT model only), Nissan NS-1 / NS-2 / NS-2V / NS-3 / N-CVT, Opel/Vauxhall 7-speed CVT, Peugeot PSA Standard 9735 EF, Punch CVTF-EX1 for Punch VT2/VT3 Transmissions, Subaru iCVT / iCVT FG / ECVT, Subaru Lineartronic chain CVT / CVT II and CVT III Fluid, Subaru Lineartronic High Torque (HT) CVT Fluid / CV 30, Suzuki CVTF TC / 3320 / 4401, Suzuki NS-2 / CVT Green 1 & 2 / CVT Green 1 V, Toyota CVTF TC / CVTF FE, Volvo CVT 4959, VW / Audi TL 521 16 (G 052 516), VW / Audi TL 521 80 (G 052 180) E-Mobility: Ford Escape Hybrid eCVT, Honda e:HEV / iMMD, Jatco JR712E / CVT 8 Hybrid, Mazda SKYACTIVE HYBRID, Nissan e Power / Altima Hybrid, Toyota THSII / Toyota Prius, Toyota THS 5th Gen., Toyota Noah / Voxy	Universal transmission oil for continuously variable transmissions
Radon Gear ATF DCT		BMW DCTF-1 / DCTF-1+ / DCTF-2, BMW Drivelogic 7-speed (Getrag) / 6-speed DCT, BMW MTF LT-5 (83 22 2 167), Borg Warner, Bugatti Veyron, BYD DCTs (Q/BYD-A1909.0058-2013), Changan DCTF, Chery DCTs, Chrysler 68044345 EA & GA, Chrysler Powershift 6-speed (Getrag), Eaton PS-278, Ferrari 7-speed (Getrag), Ferrari TF DCT-3, Fiat 9.55550-HE2/-MZ6, Ford / Nissan Powershift 6-speed (GFT), Ford WSS-M2C 936 A, Ford WSS-M2C 200-D2/XT-11-QDC, Ford WSS-M2C 218-A1, Ford F-DC, Geely 7 speed, Great Wall DCT, Magna / Getrag DCTs, Mitsubishi TC-SST 6-speed (GFT), Mitsubishi MZ320065 DiaQueen SSTF-1, Peugeot / Citroen DCS 6-speed (GFT), PSA 9734.S2, Porsche 999.917.080.01, Renault EDC 6-speed (Getrag)/EDC-7, Renault DC4 (BOT 450)/DW5/DW6, Volvo Powershift 6-speed (GFT), Volvo 1161838/1161839, Volvo Dual Clutch Oil D1/D2, VW G 052 536 / 055 536, VW / Audi G 055 529, VW (Audi, Seat, Skoda) 6-speed / 7-speed, VW / Audi TL 52 182 (spec) / G 052 182 A2 or A6 (fluid), VW/ TL 52 529 / G 052 529 A2 or A6 (fluid) / DSG7 = S-Tronic 7, ZF / Porsche Oil #999.917.080.00 e-mobility: Lynk & Co. 01 (Plug-in Hybrid & Hybrid el. SUV), VW Golf GTE DQ400E	Synthetic automatic transmission fluid particularly designed for dual-clutch transmissions
Radon Gear ATF 8 Speed		BMW 8322 2152426/2289720 (ATF3+), Chrysler 68157995AA, Fiat 9.55550-AV5, Jaguar 02JDE 26444, Land Rover LR023288, VAG G-060-162	High-performance ATF engineered for use in ZF 8HP transmissions
Radon Gear ATF 9 Speed		Aisin Warner AW-2, BMW 83 22 2 413 / 477 (ATF7), Ford Mercon ULV / M2C949-A, Mazda ATF A7, MB-Sheet 236.15 / 236.16 / 236.17, Nissan Matic P, GM Dexron ULV ATF, VW G 053 001	High-performance ATF engineered for use in certain 9-speed Mercedes-Benz transmissions

Gear oils for passenger cars and commercial vehicles

Product name	Specifications		Approval		Recommended for	Application
Radon Gear XHP GL 4 75W-80	API MIL	GL-4 -L-2105	MAN	341 Type Z4	DAF, Eaton (Extended Drain), Iveco 18-1807, MAN 341 Type E3 / VR, Volvo 97305 / 97307 / 97318, ZF TE-ML 01L / 02L / 16K	Fully synthetic low-friction transmission fluid engineered for extended oil change intervals
Radon Gear GL 4 75W-90	API	GL-4				Transmission fluid developed for use in heavily loaded synchronous and asynchronous manual transmissions, transfer boxes and steering gears in vehicles and machines
Radon Gear GL 4 80W-90	API MIL	GL-4 -L-2105	DTFR	13B100	ZF TE-ML 16A / 17A / 19A	Multi-purpose transmission oil for standard transmissions, transaxle systems and conventionally stressed drive axles
Radon Gear Eco GL 4 80W-90	API	GL-4				Multipurpose gear oil for the use in all gear boxes (with and without synchronization), transfer gear-boxes, various steering gears and normally loaded drive axles with API GL-4 requirements
Radon Gear GL 4 85W-90	API MIL	GL-4 -L-2105	DTFR	13B100 (MB 235.1)	ZF TE-ML 16A / 17A / 19A	Multi-purpose transmission fluid for standard transmissions, transaxle systems and drive axles – particularly transaxle systems for passenger cars
Radon Gear GL 4 85W-140	API MIL	GL-4 -L-2105				Multi-purpose transmission fluid for standard transmissions, transaxle systems and drive axles
Radon Gear GL 5 75W-90	API	GL-5			MAN 342 Type M1 / M2, ZF TE-ML 05B / 16B / 17B / 21A	Hypoid transmission fluid developed for heavy-duty axle drives, bevel, spur and steering gears and asynchronous manual transmissions
Radon Gear GL 5 80W-90	API MIL	GL-5 -L-2105 C/D			DAF, MAN 342 Type M1, Renault, ZF TE-ML 16B / 17B / 19B / 21A	Hypoid transmission fluid developed for heavy-duty drive axles in commercial vehicles and passenger cars
Radon Gear Eco GL 5 80W-90	API MIL	GL-5 -PRF-2105 D			MAN 342 Type M2, ZF TE-ML 05A / 12E / 16B / 17B / 19B / 21A	Multi-purpose transmission fluid developed for heavy-duty hypoid axle drives, bevel, spur and steering gears and asynchronous manual transmissions in vehicles and machines
Radon Gear GL 5 85W-90	API MIL	GL-5 -L-2105 C/D	DTFR	12B100	DAF, Ford SQM-2C-9002 AA, MAN 342 Type M1, Voith 132.00374400, Volvo 97310, ZF TE-ML 16C / 17B / 19B / 21A	Hypoid transmission fluid developed for heavy-duty axle drives in commercial vehicles and passenger cars
Radon Gear GL 5 LS 85W-90	API MIL	GL-5 / LS -L-2105 B/C/D			Ford M2C 104A, ZF TE-ML 05C / 16E / 21C	Special hypoid transmission fluid suitable for use in drive axles with limited slip differentials
Radon Gear Eco GL 5 85W-90	API MIL	GL-5 PRF-2105-D			MAN 342 Type M1 / M2, ZF-TE-ML 05A / 12E / 16B / 16C / 17B / 19B / 21A	Multi-purpose transmission fluid for manual gear-boxes, transfer boxes, various steering gears and particularly transaxle systems for passenger cars
Radon Gear Syn GL 5 80W-140	API MIL SAE	GL-5 / MT-1 -L 2105 D J2360			Mack G0-J, Scania STO 1:0, ZF TE-ML 05A / 7A / 12E / 16C / 16D / 21A	Partly synthetic transmission fluid suitable for use in heavily loaded hypoid gearboxes
Radon Gear GL 5 85W-140	API MIL	GL-5 -L-2105 C/D			DAF, Volvo 97310, ZF TE-ML 16D / 17 B / 21A	Hypoid transmission fluid developed for heavy-duty drive axles in commercial vehicles and passenger cars
Radon Unigear SXL GL 4/GL 5 75W-90	API API SAE	GL-4/GL-5 MT-1 J2360 (MIL-PRF-2105 D/E)	DTFR MAN MAN Scania Scania	12B140 (MB 235.8) 341 Type Z2 342 Type S1 STO 1:1 G STO 2:0 A FS	ArvinMeritor O-94, DAF, Eaton Transmissions (Europe), Iveco, Mack G0-J, MAN 341 GA1 / Type E3 / Type M3, MB-Sheet 235.9, Renault, Robert Bosch TE-ML 08, Scania STO 1:0, Volvo Transmission Oil 97 312, ZF TE-ML 02B / 05A / 07A / 12L / 12N / 16F / 17B / 19C / 21A	Fully synthetic low-friction multi-purpose transmission fluid
Radon Unigear GL 4/GL 5 80W-90	API API SAE	GL-4/GL-5 MT-1 J2360 (MIL-PRF-2105 D/E)	DTFR MAN MAN	12B100 (MB 235.0) 341 Type Z2 342 Type M2	Arvin Meritor Transmission O-94, DAF, Ford M2C197-A, Iveco, Mack G0-J, MAN 341 GA1, Robert Bosch TE-ML 08, Scania STO 1:0, Scania STO 1:1 G, Volvo 97321, ZF TE-ML 02B / 05A / 07A / 12L / 12M / 16B / 17H / 19B / 21A	High-performance multi-purpose transmission fluid for manual gearboxes and rear axles in commercial vehicles

Stringent quality standards.

Ready to take up
the challenge.

Hydraulic oils

Product name	ISO VG	DIN	Norms/test methods/specifications/recommended for	Application
Helium Hyd HLP	10, 22, 32, 46, 68, 100, 150	HLP DIN 51524 part 2	HM acc. to ISO 11158, HM acc. to ASTM D 6158, Arburg (only ISO VG 46) ANSI / AGMA 9005-E02-R0, Cincinnati P-68 / P-69 / P-70, Eaton E-FDGN-TB002-E / M-2950-S, JCMAS P041 HK Hydraulic Specification, Parker Denison HF-0 / HF-1 / HF-2, SEB 181 222, US Steel 126 / 127, ZF TE-ML 04K (only ISO VG 32 / ISO VG 46)	EP hydraulic oil with wear protection and high ageing resistance
Helium Hyd HLP ZF	22, 32, 46, 68	HLP DIN 51524 part 2	HM acc. to ISO 11158, VDEh acc. to SEB 181 222, Arburg (only ISO VG 46) Engel (only ISO VG 46), Krauss Maffei (only ISO VG 46), Voith 3625-006073/3625-008426/3625-006058/3625-006072 (only ISO VG 32), ZF TE-ML 04K (only ISO VG 32 / ISO VG 46)	Zinc- and ash-free heavy-duty EP hydraulic oil with good demulsifying performance
Helium Hyd HLP-D ZF	22, 32, 46, 68	HLP DIN 51524 part 2	HM acc. to ISO 11158 Filterable acc. to Abex Denison TP-02/100	Zinc-free EP hydraulic oil with deterging and dispersing agents
Helium Hyd HVLP	15, 32, 46, 68	HVLP DIN 51524 part 3	HV acc. to ISO 11158 Arburg (only ISO VG 46), ZF TE-ML 04R (only ISO VG 32 / ISO VG 46)	High-VI EP hydraulic oil with improved viscosity temperature performance (multigrade properties)
Helium Hyd HVLP-D	46	HVLP DIN 51524 part 3	HV acc. to ISO 11158	High-VI EP hydraulic oil with improved viscosity temperature performance and deterging and dispersing agents
Helium Hyd HFD-U	46	HFDU ISO 12922 HEES DIN ISO 15380	ISO 6743-4 HFDU	Biodegradable, flame-retardant, fully synthetic hydraulic oil based on synthetic esters
Helium Hyd HFC	46	HFC DIN EN ISO 12922	Bühler, Danieli	Watery, flame-retardant hydraulic oil according to DIN 51 502 HFC standard
Helium Biohyd HLP E	46	HEES	Easily biodegradable according to OECD 301 F higher than 60%, HEES according to VDMA 24568	Fully synthetic biodegradable hydraulic fluid based on esters
Helium Hyd Eco Syn	46	HVLP DIN 51524 part 3 HEPR DIN ISO 15380	Biodegradable acc. to OECD 301 B higher than 60% EU-Ecolabel: Registration no. NL/027/024 ISO 11158 HV, AIST 126 & 127, CINCINNATI MACHINE P70, Eaton E-FDGN -TB002-E, German Steel SEB 181222, Parker Denison HF-0 / HF-6e, ZF TE-ML 07H CAT-BF1 / BF2, CNH MAT 309, Danfoss Power Solutions-520L0463, Komatsu Forest, Palfinger, Poclain Hydraulics, Volvo Hydraulics	Rapidly biodegradable, zinc and ash-free high-performance hydraulic oil based on synthetic hydrocarbons
Helium Hyd Eco Syn HEPR	46	HVLP DIN 51524 part 3 HEPR DIN ISO 15380	Biodegradable acc. to OECD 301 B higher than 60% ISO 11158 HV, ISO 6743-4 HEPR	Rapidly biodegradable, zinc and ash-free high-performance hydraulic oil based on synthetic hydrocarbons

Engine oils for gas engines

Product name	Specifications		Approvals		Recommended for	Application
Neon MA 40	API SAE	CF 40			Deutz TR 0199-99-01213/5, GE Jenbacher, MAN M 3271-2, MTU MTL 5074 gas engines, MWM/Caterpillar TR 0199-99-2105, Waukesha	Gas engine oil for highly-stressed gas engines as well as gas engines with catalyst operation
Neon HA 40	API SAE	CF 40	MAN	M 3271-4	Jenbacher 1000-1109 Class B (biogas) for series 2 und 3, MWM/Caterpillar, Perkins, Ruston, Waukesha, Wärtsilä, MDE – decentralised energy systems	Gas engine oils for highly-stressed gas engines, extended oil change intervals and suitable for engines using landfill gas, sewage gas and biogas
Neon XB 40	SAE	40			GE Jenbacher type 2 and 3 - Class B propellants (biogas) und C (landfill gas), MAN-Biogas, MWM/Caterpillar high Ash	Medium-ash gas engine oil designed for use in modern high-performance gas engines, suitable for use with sewage gas, biogas and landfill gas and can also be used in engines with modern exhaust after-treatment systems
Neon LAX 40	API SAE	CF 40	Deutz MWM/Caterpillar	TR 0199-99-01213/1 DE (TR 0199-99-[1] 2105)	GE Jenbacher TA 1000-1109 Class A propellants (natural gas) und B (biogas) for series 2 and 3, series 4 version A and B, series 6 version C und E; Waukesha	High-performance gas engine oil with low sulphated-ash properties, suited to meet requirements of modern low-emission high-performance gas engines

Industrial gear oils

Product name	ISO VG	DIN	Norms/test methods/specifications/recommended for	Application
Gear CLP	68, 100, 150, 220, 320, 460, 680	CLP DIN 51517 part 3	ISO 12925 part 1, ISO 6743 Teil 6 L-CKC, VDEh acc. SEB 181 226, ZF TE-ML 04H (only ISO VG 100 / ISO VG 150), Bundeswehr TL 9150-0105/4 (only ISO VG 150/220/320)	Heavy-duty EP industrial transmission oil for heavy loads, providing good demulsifying characteristics
Gear Syn CLP	68, 100, 150, 220, 320, 460	CLP DIN 51517 part 3	ISO 12925-1 type CKD, AIST (US Steel) 224, AGMA 9005-E02 (EP), David Brown S1.53.106, Flender (ISO VG 220, 320 und 460)	Synthetic heavy-duty EP industrial transmission oil, free from zinc and silicones for heavy loads, providing good demulsifying characteristics

Slideway oils

Product name	ISO VG	DIN	Norms/test methods/specifications/ recommended for	Application
Gear CGLP	32, 46, 68, 100, 220	CGLP DIN 51502 CLP DIN 51517 part 3 HLP DIN 51524 part 2	ISO 6743 / 13 GA / GB	Slideway oil with very good sliding properties, low adhesion loss value and no stick-slip effects. Also providing good demulsifying characteristics

Spindle oils

Product name	ISO VG	DIN	Norms/recommended for	Application
Spindle Oil	5,10,22	HL acc. to DIN 51524 part 1	HL acc. to ISO 11158	Low-viscous, ash-free oils specifically designed for high-speed spindles (e.g. textile machines, machine tools)

Heat transfer oils

Product name	ISO VG	DIN	Application
Therm M 10	10	DIN 51502	Heat transfer oil designed for use in plants with film temperature in the range from -30°C to +270°C because of its low viscosity
Therm M 32	32	DIN 51502	Heat transfer oil designed for use in plants with film temperature in the range from -10°C to +320°C
Therm M 46	46	DIN 51502	Heat transfer oil designed for use in plants with film temperature in the range from -10°C to +350°C

Compressor oils and vacuum pump oils

Product name	ISO VG	DIN	Application
Compressor Oil VDL	32, 46, 68, 100, 220	VDL DIN 51506	Compressor oil with very low residue accumulation for high compression temperatures, meets the requirements of ISO 6743 part 3 DAA, DAG, DAH. Can also be used in screw compressors
Vacuum Pump Oil	32, 46, 100	DIN 6743-3 DVC	Vacuum pump oil with excellent wear, corrosion and rust protection, as well as high oxidation stability and outstanding water and air separation properties. Suitable for use in vacuum pumps requiring an HLP-type oil and highly effective for lubricating crankcases.

Circulating oils

Product name	ISO VG	DIN	Norms/test methods/specifications	Applications
Circulating Oil	46, 68, 100, 220, 320	DIN 51517 part 1 DIN 51506 – VB/VC	ISO 6743 part 3 DVA and DVC	Universal lubricant suitable for low to medium load in gears and hydraulic systems, provided their layout does not require EP oils

Turbine oils

Product name	ISO VG	DIN	Norms/test methods/recommended for	Applications
Turbine Oil	46, 68	DIN 51515 part 1 L-TD DIN 51515 part 2 L-TG DIN 51524 part 1 HL	ISO/ 8068 L-TSA, L-TGA, L-TGB, L-TGSB ABB/Alstom HTGD 90117, ABB-Stal-VTI 3200-3 / 9812108, AFNOR E-48600 HL , BS 489, CEGB Standard 207001, Cincinnati Machine P-38(32)/P-45/P-54(68)/P-55(46), General Electric GEK 28143A/32568H, General Electric GEK 107395A/46506D, MAN Turbomachinery, MIL-L-17672-D, MIL-L-17331-B/-G, Mitsubishi Heavy Industries E00-87182, Siemens TLV 90 13 04, Solar ES9-224U, US Steel 120, Westinghouse 21T0591 and 55125Z3	Turbine oil designed for highly loaded industrial turbines und turbo compressors with connected transmissions and a joint oil circulation



Success means that every detail is just right.

Greases

Product name	Specifications		Application
Gamma MZF EP 00°	DIN NLGI-Grade ISO	51502 / 51826 G KPG00N-30 00 6743-9 L-XCDEB00	Lithium-based low-viscosity grease designed for use in central lubrication systems of utility vehicles and stationary systems
Gamma MZF EP 1°	DIN NLGI-Grade ISO	51502 / 51825 KP1N-30 1 6743-9 L-XCDEB1	Lithium-based, universal multi-purpose grease with excellent wear protection. Suitable for industrial and automotive applications
Gamma MZF EP 2°	DIN NLGI-Grade ISO	51502 / 51825 KP2N-30 2 6743-9 L-XCDEB2	Lithium-based, multi-purpose grease containing antioxidants, corrosion inhibitors and EP/AW additives to increase load carrying capacity
Gamma MZF EP 3°	DIN NLGI-Grade ISO	51502 / 51825 KP3N-30 3 6743-9 L-XCDEB3	Multi-purpose grease suitable for use in plain and roller bearings in industrial and automotive applications within the given temperature range. Can be confidently used even under severe operating conditions
Gamma EP 2 Plus°	DIN NLGI-Grade ISO	51502 / 51825 KPF2N-30 2 6743-9 L-XCDEB2	Lithium-based high-performance multi-purpose grease with MoS2 additives. Designed for use in plain and roller bearings under intermittent or oscillating load conditions
Gamma EP 222°	DIN NLGI-Grade ISO ASTM	51502 / 51825 KP2P-30 2 6743-9 L-XCEHB2 D 4950 GC / LB	Lubricating grease with lithium complex thickener. Can be used in both industrial and automotive applications
Gamma Blue EP 2°	DIN NLGI-Grade ISO	51502 / 51825 KP2N-30 2 6743-9 L-XCDEB2	Lithium-based blue universal multi-purpose long-life grease providing good protection against corrosion and washout. Recommended for MAN 283, MB-sheet 267.0
Gamma Gold EP 2	DIN NLGI-Grade ISO	KP2G-30 2 ISO-L-XC(F)BIB2	Calcium-based multi-purpose grease suitable for use in marine and industrial applications, construction vehicles, in the forestry and agricultural industry, providing very good protection against corrosion and washout
Gamma Rubor EP 2	DIN NLGI-Grade ISO	KP2K-30 2 ISO-L-XC(F)CIB2	Calcium-based multi-purpose grease suitable for use in marine and industrial applications, construction vehicles, in the forestry and agricultural industry, providing very good protection against corrosion and washout
Gamma TF 7000	DIN NLGI-Grade ISO	51502 / 51825 KPF2P-30 2 6742-9: L-XCEE2	Multi-purpose lubricating grease with lithium complex thickener for lubricating plain and roller bearings, bolts as well as gear and slewing rings in the construction industry with solid lubricant additive (PTFE)
Sigma Food EP 2-95	DIN NLGI-Grade NSF Kosher	51502 KP2K-30 2 NSF H1 (Registration no. 170998) Kosher	High-performance grease designed for use in the food and feed industry. Formulated with white oils and a calcium sulfonate thickener technology
Sigma Food EP 2-400	NLGI-Grade NSF	2 NSF H1 (Registration no. 171954)	High-performance grease designed for use in the food and feed industry. Formulated with white oils and a calcium sulfonate thickener technology

Car care products

Product name	Application	Package types
DPF Cleaner	Special additive suitable for the regeneration and improvement of loaded diesel particulate filters	300 ml can
Wire Rope Grease	High performance corrosion protection wax, designed to be used for the lubrication and preservation of wire ropes of winches, lifts, conveyor and lift systems, carrying and stopping ropes as well as underfloors	500 ml spray can
Radiator Sealant	Sealant for use in cooling systems, also ensuring the permanent sealing of hairline cracks and leaks	300 ml can
Direct Injection Petrol Engine Cleaner	Cleaning agent for electronically and mechanically controlled injection nozzles as well as for all petrol-injected engines with and without catalytic converter	300 ml can
Direct Injection Diesel Engine Cleaner	Cleaning agent for electronically and mechanically controlled injection nozzles	300 ml can
Car Interior Cleaner	Active foam cleaning spray which provides an excellent wetting and cleaning effect	500 ml spray can
Brake Cleaner	Hydrocarbon-based volatile degreaser and brake cleaner suitable to remove greasy and resinous residues as well as synthetic oil and silicone residues	500 ml spray can
Rust Remover	Mineral oil formulation with excellent penetrating properties, excellent corrosion protection and OMC2-additives for best friction value reduction thanks to micro-flow smoothing	500 ml spray can
Dry Chain Spray	Very adhesive chain spray with high content of PTFE solid lubricant for lubricating chains, splines, spindles, contact surfaces, universal joints as well as guides and cogs	500 ml spray can
Silicone Spray	High-performance silicone-based lubricant for moving machine parts, especially in the vehicle and plastics manufacturing sectors as well as in the paper and printing industry	500 ml spray can
Throttle Body Cleaner	Cleaning agent for carburettors / throttle bodies and air-intake systems, prevents the formation of coke and resin deposits in the air-intake system and throttle body and improves the performance of carburettors	500 ml spray can
Engine cleaner	High-performance cleaner for oil circuits of engines, efficiently cleans accumulated deposits and clogging which appear in the engine	400 ml can
Silicone Sealing Compound	High-performance RTV silicone-based sealant	200 ml can

Neat cutting oils

Product name	Characteristics				Additives			Materials					Application				Comment
	Base oil	Viscosity at 40°C [mm²/s]	Flash point [°C]	Copper corrosion	Sulfur	Phosphorus	Lubricity	Non-ferrous heavy metal	Aluminium	Cast iron	Steel	High-alloy steel	General machining	Heavy machining	Deep hole drilling	Broaching	
Mabanol Cut Lub 10	Mineral oil	10	170	1a	✓	✓	-	++	+	-	+	+	+	-	-	-	
Mabanol Cut Lub 13 CF	HC	13	172	4b	✓	✓	✓	-	++	++	++	++	++	++	++	++	
Mabanol Cut Lub 13 DHD	HC	13	170	4c	✓	-	✓	-	-	-	++	++	++	++	++	++	
Mabanol Cut Lub 15	Mineral oil	15	185	1	✓	✓	-	++	+	-	+	+	+	-	-	-	
Mabanol Cut Lub 15 CF	HC	15	176	1b	✓	✓	✓	++	++	++	++	++	++	++	++	++	
Mabanol Cut Lub 22	Mineral oil	23	210	1a	✓	✓	-	++	+	-	+	+	+	-	-	-	
Mabanol Cut Lub 22 CF	Mineral oil	22	190	4b	✓	-	✓	-	-	-	++	++	++	++	++	++	Designed for deep hole drilling, very high Brugger
Mabanol Cut Lub 27 CF	Mineral oil	27	208	1a	✓	✓	✓	++	++	++	++	++	++	++	++	++	
Mabanol Cut Lub 32	Mineral oil	32	224	1a	✓	✓	-	++	+	-	+	+	+	-	-	-	
Mabanol Cut Lub 46	Mineral oil	46	227	1a	✓	✓	-	++	+	-	+	+	+	-	-	-	

Data as of June 2026

Water soluble cutting fluids (synthetics)

Product name	Technology					Characteristics				Materials						Application								
	Boric acid	Amines	DCHA-based	Lubricity	EP-additives	Mineral oil content	pH-value at 5%	Refractometer value [% /°Brix]	Corrosion protection DIN 51360/2	Cast iron	Unalloyed steel	Alloyed steel	Non-ferrous heavy metal	Aluminium	Carbide	Grinding	Concentration	General machining	Concentration	Heavy machining	Concentration	Forming	Recommended initial hardness [°dH]	Max. water hardness in use [°dH]
Mabanol Cut MS 52 BF	-	✓	-	✓	-	0%	ca. 8,9	1,5	6% - Grade 0	+	++	++	+++	**	+++	+++	≥ 6 %	+	≥ 8 %	-	-	-	*	*
Mabanol Cut Syn 46	-	✓	✓	✓	✓	0%	ca. 9,5	1,4	4% - Grade 0	++	+++	+++	**	-	-	+++	≥ 5 %	++	≥ 7 %	++	≥ 10 %	+	0 - 20	40
Mabanol Cut Syn 61	-	✓	✓	✓	-	0%	ca. 9,4	2,0	4% - Grade 0	+++	+++	+++	**	**	-	+++	≥ 4 %	+	≥ 8 %	-	-	-	*	*
Mabanol Cut Syn 65	-	✓	✓	-	-	0%	ca. 9,5	2,1	4% - Grade 0	+++	+++	++	**	**	-	+++	≥ 4 %	-	-	-	-	-	*	*

Data as of June 2026

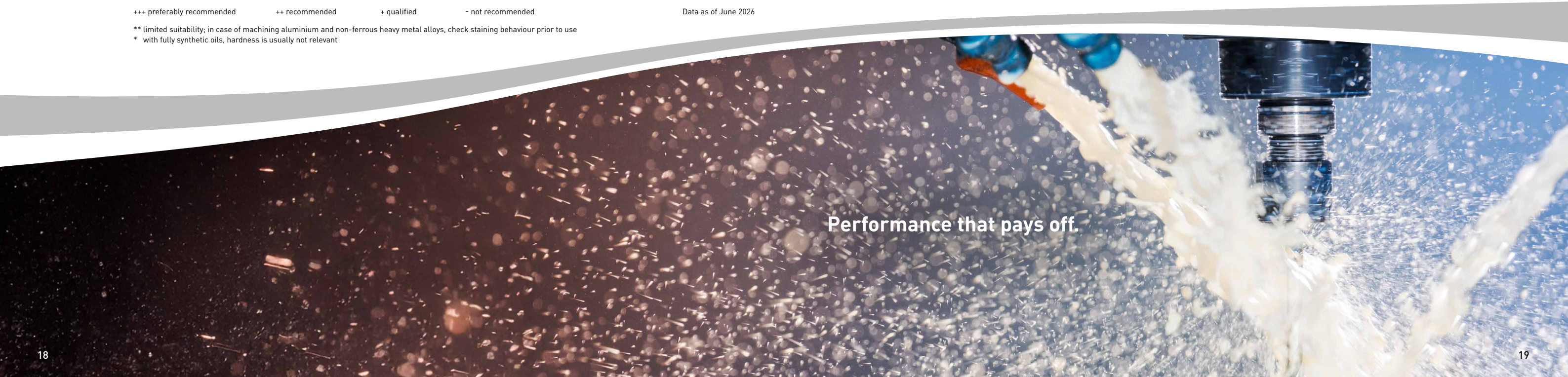
* with fully synthetic oils, hardness is usually not relevant

Water miscible cutting fluids (emulsions)

Product name	Technology					Characteristics				Materials						Application								Comment	
	Boric acid	Amines	DCHA-based	Lubricity	EP-additives	Mineral oil content	pH-value at 5%	Refractometer value [% / °Brx]	Corrosion protection DIN 51304/2	Cast iron	Unalloyed steel	Alloyed steel	Non-ferrous heavy metal	Aluminium	Carbide	Grinding	Concentration	General machining Concentration	Heavy machining Concentration	Forming	Recommended initial hardness [°dH]	Max. water hardness in use [°dH]			
Mabanol Cut 162	-	✓	✓	-	-	~ 24%	ca. 9,7	1,5	6% - Grade 0	+++	+++	+++	**	**	-	+++	≥ 6 %	+	≥ 8 %	-	-	-			
Mabanol Cut 165	-	✓	✓	✓	✓	~ 35%	ca. 9,7	1,0	5% - Grade 0	+++	+++	+++	+	++	-	+	≥ 5 %	++	≥ 6 %	++	≥ 8 %	-	5-30	60	
Mabanol Cut 261 BF	-	✓	✓	✓	-	~ 45%	9,7 drops in use	1,0	6% - Grade 0	+	+++	+++	**	+	-	-	-	++	≥ 6 %	++	≥ 8 %	-	10-30	60	
Mabanol Cut 262 BF	-	✓	✓	-	-	~ 20%	10,4 drops in use	1,6	4% - Grade 0	+++	+++	+++	**	**	-	+++	≥ 5 %	+	≥ 8 %	-	-	-	10-30	60	
Mabanol Cut 263 BF	-	✓	✓	-	-	~ 30%	10,1 drops in use	1,3	4% - Grade 0	+++	+++	+++	**	**	-	++	≥ 5 %	++	≥ 8 %	+	≥ 10 %	-	5-30	60	
Mabanol Cut 264 BF	-	✓	✓	✓	✓	~ 40%	ca. 9,8	1,0	5% - Grade 0	+	+++	+++	**	++	-	+	≥ 5 %	++	≥ 6 %	++	≥ 8 %	-	10-30	60	
Mabanol Cut 265 BF	-	✓	✓	✓	✓	~ 30%	ca. 9,7	1,3	5% - Grade 0	+++	+++	+++	+	++	-	++	≥ 5 %	++	≥ 7 %	+	≥ 10 %	-	5-30	150	Suitable for machining of magnesium
Mabanol Cut 268 BF	-	✓	✓	-	✓	~ 20%	10,4 drops in use	1,6	4% - Grade 0	+++	+++	+++	+	+++	-	++	≥ 5 %	+	≥ 8 %	-	-	-	10-30	60	
Mabanol Cut 269 BF	-	✓	✓	✓	-	~ 30%	9,9 drops in use	1,3	4% - Grade 0	+++	+++	+++	-	+++	-	++	≥ 5 %	+	≥ 8 %	-	-	-	5-30	80	
Mabanol Cut E 92 BF	-	✓	-	-	-	~ 30%	ca. 9,4	1,3	4% - Grade 0	+++	+++	+++	**	**	-	++	≥ 5 %	++	≥ 8 %	-	-	-	5-30	80	
Mabanol Cut E 93 BF	-	✓	-	✓	✓	~ 30%	9,3	1,1	4% - Grade 0	+++	+++	+++	+	+++	-	+	≥ 5 %	++	≥ 5 %	++	≥ 10 %	-	5-30	100	Product without hazard label
Mabanol Cut E 98 BF	-	✓	-	✓	✓	~ 40%	ca. 9,5	1,1	5% - Grade 0	++	+++	+++	**	+++	-	+	≥ 5 %	++	≥ 5 %	++	≥ 8 %	-	5-30	80	
Mabanol Cut E 99 BF	-	✓	-	✓	✓	~ 26%	ca. 9,2	1,3	5% - Grade 0	++	+++	++	+++	++	-	+	≥ 5 %	++	≥ 5 %	+	≥ 10 %	-	5-30	80	

Data as of June 2026

** limited suitability; in case of machining aluminium and non-ferrous heavy metal alloys, check staining behaviour prior to use



Performance that pays off.

Honing oils

Product name	Characteristics					Additives			Materials					Application			Comment
	Base oil	Lubrication component	Viscosity at 40°C [mm²/s]	Flash point [°C]	Copper corrosion	Sulfur	Phosphorus	Lubricity	Non-ferrous heavy metal	Aluminium	Cast iron	Steel	High-alloy steel	Fine grinding	Short-stroke honing	Long-stroke honing	
Mabanol Hone 3	Mineral oil	Ester	4,0	110	1b	-	✓	✓	-	-	-	++	++	++	++	++	
Mabanol Hone 5	Mineral oil	Ester	5,0	>140	1b	✓	✓	✓	+	+	++	++	++	++	++	++	
Mabanol Hone 9	Mineral oil	Ester	10,0	158	3a	✓	✓	✓	+	++	++	++	++	++	++	++	
Mabanol Hone 18	Mineral oil	Ester	18,0	154	3b	✓	-	✓	+	++	++	++	++	++	++	++	Special product for Sunnen honing

++ preferably recommended

+ recommended

- not recommended

Data as of June 2026

Dielectric fluids (EDM)

Product name	Characteristics					Materials				Application				Labeling				Comment
	Viscosity at 20 °C [mm²/s]	Viscosity at 40 °C [mm²/s]	Flash point [°C]	Aromatic content [%]	Copper corrosion	Non-ferrous heavy metal	Aluminium	Unalloyed steel	High-alloy steel	Wire EDM	Fast hole EDM	Die-sink EDM finishing	Die-sink EDM roughing	Labeling CLP regulation	Hazardous substance pictogram	Water hazard class	Storage class	
Mabanol Erodierfluid EDM 2	1,5	ca. 1,1	60	-	1a	++	++	++	++	++	++	++	-	GHS02 GHS08	 	1	3	Superfinishing, odorless
Mabanol Erodierfluid EDM 3	3,8	2,4	103	<0,01	1a	++	++	++	++	++	++	++	+	GHS08		1	10	Allrounder for finishing/roughing
Mabanol Erodierfluid EDM 5	3,9	2,5	104	<0,01	1a	++	++	++	++	+	+	+	++	GHS08		1	10	Intensive abrasive processes

++ preferably recommended

+ recommended

- not recommended

Data as of January 2024

Grinding oils

Product name	Characteristics				Additives			Materials						Application			Comment
	Base oil	Viscosity at 40°C [mm²/s]	Flash point [°C]	Copper corrosion	Sulfur	Phosphorus	Lubricity	Non-ferrous heavy metal	Aluminium	Cast iron	Steel	High-alloy steel	Carbide	Grinding	General cutting	Heavy cutting	
Mabanol Grind 6 HC	HC	6	150	1b	✓	✓	✓	++	++	+	++	++	++	++	+	-	
Mabanol Grind 10 HC	HC	10	176	1b	✓	✓	✓	++	++	+	++	++	++	++	+	-	
Mabanol Grind 10 HC HP	HC	10	>160	1b	✓	✓	✓	++	+	++	++	++	-	++	++	+	
Mabanol Grind 13 HC	HC	12	196	1b	✓	✓	✓	++	+	++	++	++	-	++	++	+	Special product for profile and tooth flank grinding
Mabanol Grind 55	Mineral oil	11	172	1b	✓	✓	✓	++	++	++	++	++	+	++	++	+	

++ preferably recommended

+ recommended

- not recommended

Data as of August 2026

Minimum quantity lubrication

Product name	Characteristics				Additives			Materials						Application			
	Base	Viscosity at 40°C [mm²/s]	Flash point [°C]	Copper corrosion	Sulfur	Phosphorus	Lubricity	Non-ferrous heavy-metal	Aluminium	Cast iron	Steel	High-alloy steel	Carbide	Grinding	General machining	Heavy machining	Minimum quantity lubrication
Mabanol Cut MMKS 20	Alcohol	28	182	1a	-	✓	-	++	++	++	++	++	-	-	-	-	++
Mabanol Cut MMKS 35 E	Ester	35	280	1b	-	-	✓	++	++	+	++	++	-	-	-	-	++
Mabanol Cut MMKS 45 E	Ester	45	174	4b	✓	-	✓	-	-	+	++	++	-	-	-	-	++
Mabanol Cut MMKS 110 E	Ester	112	>160	4b	✓	-	✓	-	-	++	++	++	++	-	-	-	++

++ preferably recommended

+ recommended

- not recommended

Data as of June 2026

Forming oils

Product name	Characteristics						Additives					Materials					Application				
	Category	Viscosity at 40°C [mm²/S]	Flash point [°C]	Copper corrosion	Material thickness carbon steel	Material thickness stainless steel	Sulfur	Phosphorus	Calcium	Chlorine	Lubricity	Steel	High-alloy steel	Stainless steel	Non-ferrous heavy metal	Aluminium	Deep drawing	Fine blanking	Stamping	Cold forming	Tube drawing
Mabanol Stamp 1 F	Vanishing oil	1,3	76	1b	1-2 mm	1-2 mm	-	-	-	-	✓	+	+	+	+	+	-	-	+	-	-
Mabanol Stamp 2 F	Vanishing oil	1,7	76	1b	3 mm	3 mm	-	-	-	-	✓	+	+	+	+	+	-	-	+	-	-
Mabanol Stamp 6 F	Vanishing oil	1,5	65	1b	1-2 mm	1-2 mm	-	-	-	-	✓	+	+	+	+	+	-	-	+	-	-
Mabanol Stamp 6 FE	Vanishing oil	3	105	1b	2 mm	2 mm	-	-	-	-	✓	+	+	+	+	+	-	-	+	-	-
Mabanol Stamp 10 F	Vanishing oil	1,6	81	1b	3 mm	3 mm	-	-	-	-	✓	+	+	+	+	+	-	-	+	-	-
Mabanol Stamp 20 F	Vanishing oil	1,9	66	1b	3 mm	3 mm	-	-	-	-	✓	+	+	+	+	+	+	-	+	-	-
Mabanol Stamp 40 F	Vanishing oil	2,8	65	1b	3-5 mm	3-5 mm	-	-	-	-	✓	+	+	+	+	+	+	-	+	-	-
Mabanol Stamp 30 AS	Forming oil for carbon steel	31	170	4c	6 mm		✓	-	-	-	✓	+	+	-	-	-	+	+	+	-	-
Mabanol Stamp 39 AS	Forming oil for carbon steel	39	180	4b	6 mm		✓	-	✓	-	✓	+	+	-	-	-	+	+	+	-	-
Mabanol Stamp 83 AS	Forming oil for carbon steel	83	170	4b	8 mm		✓	-	-	-	✓	+	+	-	-	-	+	+	+	+	-
Mabanol Stamp 85 AS	Forming oil for carbon steel	83	183	4c	8 mm		✓	-	-	-	✓	+	+	-	-	-	+	+	+	+	-
Mabanol Stamp 91 AS	Forming oil for carbon steel	90	171	4c	10 mm		✓	-	-	-	✓	+	+	-	-	-	+	+	+	+	-
Mabanol Stamp 145 AS	Forming oil for carbon steel	145	180	3b	5 mm	2 mm	✓	-	✓	-	✓	+	+	-	-	-	+	-	+	+	-
Mabanol Stamp 175 AS	Forming oil for carbon steel	175	170	4b	10 mm		✓	-	✓	-	✓	+	+	-	-	-	+	+	+	+	+
Mabanol Stamp 250 AS	Forming oil for carbon steel	250	180	4b	8 mm		✓	-	✓	-	✓	+	+	-	-	-	+	+	+	-	+
Mabanol Stamp 38 ASR	Forming oil for stainless steel	38	190	4c	6 mm	3mm	✓	-	-	-	✓	+	+	+	-	-	+	+	+	-	-
Mabanol Stamp 63 ASR	Forming oil for stainless steel	63	162	4c		5 mm	✓	-	-	-	✓	-	+	+	-	-	+	+	+	-	-
Mabanol Stamp 75 ASR	Forming oil for stainless steel	75	162	4c		7 mm	✓	-	-	-	✓	-	+	+	-	-	+	+	+	-	-
Mabanol Stamp 92 ASR	Forming oil for stainless steel	92	150	4c		8 mm	✓	-	-	-	✓	+	+	+	-	-	+	+	+	+	+
Mabanol Stamp 166 ASR	Forming oil for stainless steel	166	160	4c		10 mm	✓	-	-	-	✓	-	+	+	-	-	+	+	+	-	-
Mabanol Stamp 90 ASR	Forming oil for carbon and stainless steel	89	181	4b	6 mm	6 mm	✓	✓	-	-	✓	+	+	+	-	-	+	-	+	-	-
Mabanol Stamp 98 ASR Eco	Forming oil for carbon and stainless steel	98	170	4b	8 mm	8 mm	✓	✓	-	-	✓	+	+	+	-	-	+	-	+	-	-
Mabanol Stamp 116 Concentrate	Water miscible forming oil	140	>100	1b	3 mm		-	✓	-	-	✓	+	-	-	-	+	+	-	-	-	-
Mabanol Stamp 190 Concentrate	Water miscible forming oil	193	>100	4c	3 mm		✓	-	-	-	✓	+	-	-	-	+	+	-	-	-	-

+ recommended

- not recommended

Data as of June 2026



Keeping your
productivity clean.

Cleaning solvents

Product name	Characteristics				Materials					Procedure		
	Viscosity at 40°C [mm²/s]	Flash point [°C]	Copper corrosion	Evaporation [Ether = 1]	Non-ferrous heavy metal	Aluminium	Cast iron	Unalloyed steel	High-alloy steel	Spray	Immersion	Brushing, manual application
Mabanol Industrial Clean 60 IP	ca. 1,5 at 25°	60	1a	86	++	++	++	++	++	++	++	++
Mabanol Industrial Clean 63 TB	1	63	1a	150	++	++	++	++	++	++	++	++
Mabanol Industrial Clean 67 IP	1	67	1a	110	++	++	++	++	++	++	++	++
Mabanol Industrial Clean 103 TB	2,2	103	1a	1000	++	++	++	++	++	++	++	++

++ preferably recommended

+ recommended

- not recommended

Data as of June 2026

Water-based cleaner

Product name	Characteristics				Materials						Product type			Procedure					Comment
	pH-value at 3%	Refractometer factor [%°Brix]	Concentration in use [%]	Application temperature [°C]	Non-ferrous heavy metal	Aluminium	Cast iron	Non-alloy steel	High-alloy steel	Industrial floors	Acidic cleaner	Neutral cleaner	Alkaline cleaner	Spray	Immersion	Ultrasonic	Steam jet, high pressure cleaner	Other procedures	
Mabanol Clean 16 Acidic	2,1	1,9	3-10	20-70	-	-	+	+	+	+	++	-	-	++	++	++	-	-	
Mabanol Clean 49 Alkaline	12,4	2,1	1-5	50-75	+	+	++	++	++	-	-	-	++	++	++	++	-	-	for heavy contamination
Mabanol Clean 70 Neutral	9,6	1,7	0,5-5	20-80	+	+	++	++	++	-	-	++	-	++	++	++	++	-	for high pressure up to 500 bar
Mabanol Clean 86 Neutral	9,5	7,5	3-10	15-80	-	-	-	-	-	++	-	++	-	-	-	-	-	++	for industrial floors and plastics
Mabanol Clean 94 Neutral	9,3	2,5	0,5-10	40-70	++	++	++	++	++	-	-	++	-	++	++	++	+	-	

++ preferably recommended

+ recommended

- not recommended

Data as of June 2026

Anti corrosives

Product name	Characteristics					Materials				Application					Comment	
	Residue	Film thickness [µm]	Viscosity at 20°C [mm²/s]	Viscosity at 40°C [mm²/s]	Flash point [°C]	Cast iron	Steel	Non-ferrous heavy metal	Aluminium	Dipping	Spraying	Brushing	Concentration [%]	Max. storage indoors - months		Max. storage outdoors under roof - months
Mabanol Protect 9 DW	waxy	0,9	-	1,78	60	✓	✓	✓	✓	✓	✓	✓	100	9	2	Dewatering fluid
Mabanol Protect 12 DW	oily	1,9	-	2,1	60	✓	✓	✓	✓	✓	✓	✓	100	12	6	Dewatering fluid
Mabanol Protect 18 DW	oily	4,5	-	5	62	✓	✓	✓	✓	✓	✓	✓	100	18	9	Dewatering fluid
Mabanol Protect 24 DW	oily	4	-	4	65	✓	✓	✓	✓	✓	✓	✓	100	24	12	Dewatering fluid
Mabanol Protect 6 DW	oily	0,8	-	3	103	✓	✓	✓	✓	✓	✓	✓	100	6	2	Dewatering fluid
Mabanol Protect 310	oily hardly perceptible	depending on concentration	43	-	74	✓	✓	✓	✓	✓	✓	✓	10 - 40	6	6	Watermiscible concentrate
Mabanol Protect Concentrate	oily hardly perceptible	depending on concentration	220	-	> 100	✓	✓	-	-	✓	✓	✓	5 - 20	12	not intended	Watermiscible concentrate
Mabanol Protect Additive	adhesive hardly perceptible	depending on concentration	29	-	> 100	✓	✓	-	-	✓	✓	✓	0,5 - 2,5	3	not intended	Watermiscible concentrate
Mabanol Protect 351	oily	5,1	-	32	> 140	✓	✓	✓	✓	✓	✓	✓	100	12	12	

++ preferably recommended

+ recommended

- not recommended

Data as of June 2026



mabanol 
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