



**Quality lubricants
for commercial, industrial
and agricultural applications.**

Small effort. Great effect.

Content

TECTROL – your quality brand	3
Four signs of quality	4
Multi-purpose oil	5–6
Engine oil for mixed fleet	7
Engine oil for utility vehicle	8–9
Engine oil for passenger car	10
Single grade engine oil	11
2-stroke engine oil	12
Gas engine oil	12–13
Gear oil for vehicle (gearbox and axle drive oil)	13–14
Automatic gear oil	14
Hydraulic oil	15–18
Central hydraulic oil	18
Grease	19–20
Industrial gear oil	21
Lubricating oil	21
Metal working fluid	22
Slideway oil	23
Tacky oil	23
Corrosion protection fluid	24
Form work oil	24
Vacuum pump oil	24
Antifreeze	25
Cleaner, protection- and care-fluid	25–26
Oil binder/absorbant	26
Special fuel	26

Each drop a contribution to success.



Everything must work like clockwork – you have to rely on that completely in all areas of your daily business. This also applies to your units and machines: **a smooth running of all processes** is vital. And that's what our TECTROL lubricants have been developed for. TECTROL lubricants stand for highest possible reliability and **best possible operational safety** of your equipment.

And what's more: TECTROL has **numerous fields of application** – universal lubricants, type rationalization and special lubricants for sensitive applications. Our comprehensive range of high-performance products offers the right solution for each application.

Our continuous development and improvement of products guarantee that each and every one of our TECTROL products and services meets the high standards required by our customers. This means that you can **operate your business optimally** – and always be sure that every single drop of TECTROL contributes to your success.

Four signs of quality, numerous fields of application:

XL lubricants

XL lubricants feature a new base oil formulation in combination with state-of-the-art additive technology. Lubricants with XL technology stand for extraordinary energy efficiency and fuel savings, highest possible lifetime prolongation and excellent wear protection. XL lubricants have a very high natural viscosity index and an outstanding aging stability. All these features contribute to a considerably enhanced long-term performance.



HC lubricants

HC lubricants are tailored to the growing quality demands of our time: economically, environmentally friendly and optimally adapted to each other. Using a special conversion process, natural mineral oil is refined under high pressure and high temperatures by so-called hydrocracking. Due to the stable viscosity/temperature properties and the high thermal load, the lubricants are suited for application under extreme conditions.



ST lubricants

Synthetic oils are characterized by a high aging stability and a low evaporation loss. With their high viscosity index and a very low pour point, synthetic engine oils are excellent multi-purpose oils all year round. This means that the engine lifetime can be prolonged considerably and fuel can be saved.



Biodegradable lubricants

Leakages while working in sensitive areas outdoors may lead to serious damages of the environment and subsequently to high follow-up costs. Biodegradable lubricants were developed to minimize these risks. They are environmentally friendly, fast biodegradable and technically advanced. Regarding performance and profitability, TERRA lubricants are in no way inferior to mineral products and they are recommended by leading construction and agricultural machine manufacturers.



Multi-purpose oil

Product	Description	Performance Profile
TECTROL TERRA SUPER 2000 SAE 5W-40 	Rapidly biodegradable multi-purpose oil (STOU) for engines, manual transmissions, wet brake systems, hydraulics, turbo clutches for tractors and other agricultural machines, construction machines, utility vehicles and limited slip differentials and axle drives in processing machines.	Application recommendations*: ACEA A2/B2 / E2, API CF-4 / GL-3 / GL-4 / GL-5 in agricultural machines under normal operating conditions (not in Holmer axels) / LS / SH, DIN 51 524-3 HVLP (detergent), MAN 271, MB 228.1, MIL - L-2105 A, ZF TE-ML 06B / 07B, also recommended for Allison / CATERPILLAR / CNH New Holland / Deutz-Fahr / Fendt / Fiat / Ford / John Deere / Massey Ferguson
TECTROL SUPER MULTISYN PLUS SAE 10W-40 SAE 75W-90 	Multi-purpose oil (STOU) based on state-of-the-art base oil synthesis technology and special latest generation additives for engines, manual transmissions, wet brake systems, hydraulics, turbo clutches for tractors and other agricultural machines, construction machines, utility vehicles and limited slip differentials and axle drives in processing machines.	Approvals: Deutz DQC III-10 Application recommendations*: ACEA E3 / E4 / E5 / E7, AFNOR NF E 48-603 HV, Allison C-4, also recommended for CATERPILLAR / Cummins / Fiat / Renault, API CI-4 / GL-3 / GL-4 / GL-5 in agricultural machines under normal operating conditions (not in Holmer axels) / LS, Case MS 1207 / MS 1209 / MS 1210 / MS 1230, CNH New Holland MAT 3505 / MAT 3509 / MAT 3525 / MAT 3526 / NH 030 C / NH 330 G / NH 330 H / NH 410 B / NH 420 A / NH 526 C / NH 82009201 / NH 82009202 / NH 82009203, DIN 51 524-3 HVLP (detergent), Fendt , FNHA -2-C-200.00 / -2-C-201.00, Ford M2C 134-D / M2C 159-B / M2C 159-C / M2C 48-C3 / M2C 86-B, John Deere J 20 C, MAN M 3275-1, Massey Ferguson CMS M 1139 / CMS M 1143 / CMS M 1144 / CMS M 1145 / M 1135, MB 228.3, MIL - L-2105 A, ZF TE-ML 06A / 06B / 06C / 06F / 06L / 07B, also recommended for CATERPILLAR / Cummins / Fiat / Renault
TECTROL SUPER 2000 CD-HC SAE 10W-30 SAE 75W-80 	Multi-purpose oil (STOU) for diesel engines with and without turbocharger as well as manual transmissions, wet brake systems, hydraulics, suitable for tractors and other agricultural and construction machines.	Approvals: Deutz DQC I-02, ZF TE-ML 06B / 06F / 07B Specifications: API CG-4 / GL-4, Ford M2C 134-D / M2C 159-B / M2C 159-C Application recommendations*: ACEA E3, AFNOR NF E 48-603 HV, Allison C-4, Case MS 1207 / MS 1209 / MS 1210 / MS 1230, CNH New Holland MAT 3505 / MAT 3509 / MAT 3525 / MAT 3526 / NH 410 B / NH 420 A / NH 82009201 / NH 82009202 / NH 82009203, DIN 51 524-3 HVLP (detergent), Ford M2C 48-C3 / M2C 86-B, John Deere J 20 C, Massey Ferguson CMS M 1139 / CMS M 1143 / CMS M 1144 / CMS M 1145 / M 1135, ZF TE-ML 06A / 06C, also recommended for AFNOR / Allison / CATERPILLAR / Claas / CNH New Holland
TECTROL TRAKTORENÖL SUPER 1040 ISO VG 32 - 100 SAE 10W-40 SAE 85W-90	Multi-purpose oil (STOU) for diesel engines with and without turbocharger as well as manual transmissions, wet brake systems, hydraulics, suitable for tractors and other agricultural and construction machines.	Specifications: ACEA E3, Allison C-4, API CG-4 / GL-4 / SF, MIL - L-2104 D / - L-2105 Application recommendations*: Case MS 1118 / MS 1209, CAT TO-2, Denison HF2, DIN 51 524-3 HVLP (detergent), Ford M2C 134-D / M2C 41-B / M2C 86-A, International Harvester B 6, John Deere J 20 C / J 20 D / J 27, Massey Ferguson CMS M 1139 / CMS M 1144 / CMS M 1145, MB 227.1 / 228.1, ZF TE-ML 06A / 06B / 06C / 07B, also recommended for Case / Deutz / Fendt / Fiat / Steyr
TECTROL TRAKTORENÖL UNIVERSAL 1540 SAE 15W-40 SAE 80W-90	Multi-purpose oil (STOU) for engines, manual transmissions, hydraulics, combined transmission/hydraulic systems with and without wet brakes.	Specifications: API CF-4 / GL-4, Ford M2C 134-D / M2C 159-B / M2C 159-C Application recommendations*: ACEA E2, CNH New Holland MAT 3525 / MAT 3526 / NH 420 A / NH 82009201 / NH 82009202 / NH 82009203, DIN 51 524-3 HVLP (detergent), FNHA -2-C-200.00 / -2-C-201.00, John Deere J 20 C, Massey Ferguson CMS M 1139 / CMS M 1143 / CMS M 1144 / CMS M 1145 / M 1135, ZF TE-ML 06A / 06B / 06C / 07B, also recommended for Case / Claas / CNH New Holland / Deutz-Fahr / Fendt / Ford / John Deere / Massey Ferguson / Renault / Steyr

Multi-purpose oil

Product	Description	Performance Profile
TECTROL TRAKTORENÖL UNIVERSAL 1530 SAE 15W-30 SAE 80W	Multi-purpose oil (STOU) for diesel engines with and without turbocharger as well as manual transmissions, hydraulics, wet brake systems for agricultural and construction machines.	Specifications: ACEA E3, Allison C-4, API CG-4 / GL-4 / SF, Ford M2C 41-B, MIL - L-2104 D / - L-2105 Application recommendations*: Case MS 1209, CAT TO-2, Denison HF2, DIN 51 524-2 HLP (detergent), Ford M2C 134-D / M2C 159-B / M2C 159-C / M2C 86-A, International Harvester B 6, MB 227.1 / 228.1, ZF TE-ML 06A / 06B / 07B, also recommended for Case / Deutz-Fahr / Fendt / Fiat
TECTROL UTTO - HF SAE 15W-30/SAE 10W-30 SAE 75W-80	Special fluid (UTTO) for gear and hydraulic gear systems with wet brakes, suitable for tractors and other agricultural and construction machines.	Approvals: ZF TE-ML 03E / 05F / 17E / 21F Specifications: API GL-4 Application recommendations*: Allison C-4, Case MS 1206 / MS 1207 / MS 1209 / MS 1210 / MS 1230, CNH New Holland MAT 3505 / MAT 3506 / MAT 3509 / MAT 3510 / MAT 3525 / MAT 3526 / NH 410 B, FNHA -2-C-200.00 / -2C-201.00, Ford M2C 134-D / M2C 48-C3 / M2C 86-B / M2C 86-C, John Deere J 20 C, Massey Ferguson CMS M 1143 / CMS M 1145 / M 1135 / MF 1141, SDFG OT-1891 A, ZF TE-ML 06K, also recommended for Case / Claas / CNH New Holland / Fendt / John Deere / Massey Ferguson / Valtra / Volvo
TECTROL UTTO - F SAE 20W-30 SAE 80W-85	Special fluid (UTTO) developed as troubleshooter for wet brake systems with brake noise.	Specifications: API GL-4 Application recommendations*: Allison C-4, Case MS 1206 / MS 1207 / MS 1209 / MS 1210 / MS 1230, CNH New Holland MAT 3505 / MAT 3506 / MAT 3509 / MAT 3510 / MAT 3525 / MAT 3526, Fendt (nicht Vario), FNHA -2-C-200.00 / -2-C-201.00, Ford M2C 134-D / M2C 48-C3 / M2C 86-B / M2C 86-C, John Deere J 20 C, Massey Ferguson M 1135 / MF 1141, also recommended for Case / Claas / CNH New Holland / Deutz-Fahr / Fiat / Ford / John Deere / Landini / Massey Ferguson / Renault / Same
TECTROL UTTO - ZF SAE 20W-40	Special gear oil (UTTO) for ZF-axles with self-locking differential especially recommended for axles in construction machines.	Approvals: ZF TE-ML 05F / 06K / 17E / 21F Application recommendations*: Volvo WB 101, ZF TE-ML 03E, also recommended for Komatsu
TECTROL UTTO - TO SAE 30	High-performance transmission and hydraulic fluid (UTTO) for highly charged wet brake systems especially suitable for power gears in construction machines.	Approvals: ZF TE-ML 03C / 07F Application recommendations*: Allison C-4, API GL-4, CAT TO-4, Komatsu KES 07.868.1, also recommended for Eaton 14 15


Engine oil for mixed fleets

Product	Description	Performance Profile
TECTROL TERRA MOT 540 SAE 5W-40 	Environmentally friendly, rapidly biodegradable high performance engine oil for diesel engines with and without turbocharger, especially suitable for engines with rapeseed or vegetable oils	Application recommendations*: ACEA B3 / E3, API CG-4, also recommended for AGCO SISU Power / Deutz / Kubota / Zetor
TECTROL TURBO 4000 SAE 10W-40 	HC-high-performance engine oil for all utility vehicles, processing machines and passenger cars.	Approvals: Deutz DQC III-10, MACK EO-N, MAN M 3275-1, MB-Approval 228.3 / 229.1, MTU Oil category 2, Renault RLD-2, Volvo VDS-3 Specifications: ACEA A3/B4 / B3 / E7, API CI-4 / SL, GLOBAL DHD-1, JASO DH-1 Application recommendations*: ACEA E3 / E5, Allison C-4, CAT ECF-1-a / ECF-2, Cummins CES 20071 / CES 20072 / CES 20076 / CES 20077 / CES 20078, MACK EO-M plus
TECTROL TURBO 1000 SAE 10W-40 	Top-class fuel-efficiency engine oil based on HC synthesis for all Otto and diesel engines with and without turbocharger. Super-high-performance diesel engine oil (SHPD).	Approvals: MAN M 3275-1, MB-Approval 228.3 / 229.1 Specifications: ACEA A3/B4 / E7, API CI-4 / SL Application recommendations*: ACEA E3 / E5, Allison C-4, CAT ECF-1-a / ECF-2, Deutz DQC III-10, MACK EO-M plus, MTU Oil category 2, Renault RLD-2, Volvo VDS-3
TECTROL CFE 1040 SAE 10W-40 	Super-high-performance diesel engine oil (SHPD) for Otto engines and highly charged diesel engines.	Approvals: Deutz DQC III-10, MAN M 3275-1, MB-Approval 228.3 / 229.1 Specifications: ACEA A3/B4 / B3 / E7, API CF / CI-4 / SL, CAT ECF-1-a, GLOBAL DHD-1 Application recommendations*: ACEA E3 / E5, Allison C-4, Cummins CES 20076 / CES 20077 / CES 20078, MACK EO-M plus, Renault RLD-2, Volvo VDS-3
TECTROL HDC 1540 SAE 15W-40	Super high-performance diesel engine oil (SHPD), suitable for fuel engines and highly charged diesel engines.	Approvals: Deutz DQC III-10, MAN M 3275-1, MB-Approval 228.3 / 229.1 Specifications: ACEA A3/B4 / B3 / E7, API CF / CI-4 / SL, CAT ECF-1-a, GLOBAL DHD-1 Application recommendations*: ACEA E3 / E5, Allison C-4, Cummins CES 20076 / CES 20077 / CES 20078, MACK EO-M plus, Renault RLD-2, Volvo VDS-3
TECTROL HD 1540 SAE 15W-40	HD-engine oil for all diesel and Otto engines und normal conditions. For vehicles with and without turbocharger.	Specifications: ACEA A3/B4 / B3 / E7, API CF / CI-4 / SL Application recommendations*: ACEA E3 / E5, Allison C-4, CAT ECF-1-a, Cummins CES 20076 / CES 20077 / CES 20078, Deutz DQC III-10, GLOBAL DHD-1, MACK EO-M plus, MAN M 3275-1, MB 228.3 / 229.1, Renault RLD-2, Volvo VDS-3

Engine oil for utility vehicles

Product	Description	Performance Profile
TECTROL SUPER TRUCK PLUS 530 SAE 5W-30 	Premium fuel-efficiency engine oil based on state-of-the-art full-synthetic base oils, specially developed for low-emission utility vehicle diesel engines with advanced exhaust after-treatment systems. Outstanding cold-start performance, rapid lubrication of all components, lower fuel consumption.	Approvals: MAN M 3477, MB-Approval 228.51 Specifications: ACEA E6 Application recommendations*: ACEA E7, MB 235.27, Voith Retarder "A"
TECTROL SUPER TRUCK 530 SAE 5W-30 	Premium fuel-efficiency engine oil based on state-of-the-art full-synthetic base oils. Outstanding cold-start performance, rapid lubrication of all components, lower fuel consumption.	Approvals: Cummins CES 20077, Deutz DQC IV-10, MACK EO-N, MAN M 3277, MB-Approval 228.5, MTU Oil category 3, Renault RLD-2, Volvo VDS-3 Specifications: ACEA E4 / E7 Application recommendations*: Iveco 18-1804 / Classe TFE, Scania LDF-2
TECTROL SUPER TRUCK PLUS XL 1040 SAE 10W-40 	Premium fuel-efficiency engine oil based on state-of-the-art base oils, in combination with the latest XL additive technology (low SAPS). This technology provides notable improvements in the area of fuel consumption, turbocharger deposits, cold-temperature performance and oil consumption. Developed for commercial vehicles with turbocharger and advanced exhaust after-treatment systems such as catalysts and particle filters.	Approvals: Deutz DQC IV-10 LA, MACK EO-N, MAN M 3477, MB-Approval 228.51 / 235.28, MTU Oil category 3.1, Renault RLD-2, Volvo VDS-3 Specifications: ACEA E6 / E7 / E9, API CI-4, CAT ECF-1-a Application recommendations*: Cummins CES 20077, MACK EO-M plus, MAN M 3271-1 / M 3277, Renault RGD / RXD, Voith Retarder "B", Volvo CNG, also recommended for DAF
TECTROL SUPER TRUCK PLUS 1040 SAE 10W-40 	Premium fuel-efficiency engine oil based on state-of-the-art base oils, specially developed for low-emission utility vehicle diesel engines with advanced exhaust after-treatment systems such as catalysts and particle filters.	Approvals: Deutz DQC IV-10 LA, MAN M 3477, MB-Approval 228.51 / 235.28, MTU Oil category 3.1, Renault RLD-2, Volvo VDS-3 Specifications: ACEA E6 / E7 / E9, API CI-4, CAT ECF-1-a Application recommendations*: also recommended for DAF, Cummins CES 20077, MACK EO-M plus / EO-N, MAN 3277 CRT / M 3271-1, Renault RGD / RXD, Voith Retarder "B", Volvo CNG
TECTROL SUPER TRUCK PLUS 1040 M SAE 10W-40 	Premium fuel-efficiency engine oil based on state-of-the-art base oils, specially developed for low-emission utility vehicle of MAN und Mercedes Benz with diesel engines and advanced exhaust after-treatment systems such as catalysts and particle filters.	Approvals: MAN M 3477, MB-Approval 228.51 Specifications: ACEA E6 / E7, API CI-4
TECTROL SUPER TRUCK 1040 SAE 10W-40 	High-performance, fuel-efficiency engine oil from HC synthesis for utility vehicle diesel engines with extremely long oil change intervals, ultra high-performance diesel engine oil (UHPD). For diesel engines with and without turbocharger.	Approvals: Cummins CES 20077 / CES 20078, Deutz DQC III-10, MACK EO-N, MAN M 3277, MB-Approval 228.5, MTU Oil category 3, Renault RLD-2, Scania LDF-2, Volvo VDS-3 Specifications: ACEA E4 / E7, API CI-4 Application recommendations*: ACEA E5, also recommended for DAF, Iveco 18-1804, MACK EO-M plus, MB 235.27, Voith Retarder "A"
TECTROL SUPER TRUCK VD PLUS 1040 SAE 10W-40 	Super high-performance engine oil (SHPD) for highly charged diesel engines and highly loaded Otto-engines in commercial vehicles and other engines with exhaust after treatment systems such as catalysts and particle filters.	Approvals: Deutz DQC III-10 LA, MACK EO-O Premium plus, MAN M 3575, MB-Approval 228.31, Renault RLD-3, Volvo VDS-4 Specifications: ACEA E9, API CI-4 / CI-4 Plus / CJ-4 / SM, CAT ECF-1-a / ECF-2 / ECF-3 Application recommendations*: ACEA E5 / E7, Cummins CES 20081, MTU Oil category 2.1

Engine oil for utility vehicles

Product	Description	Performance Profile
TECTROL SUPER TRUCK VD PLUS 1540 SAE 15W-40	High-performing SHPD engine oil for highly charged diesel engines in commercial vehicles and other engines with exhaust after treatment systems such as catalysts and particle filters.	Approvals: MACK EO-O Premium plus, Renault RLD-3, Volvo VDS-4 Specifications: ACEA E7 / E9, API CJ-4 / SM, CAT ECF-3 Application recommendations*: Cummins CES 20081, MAN M 3275 / M 3575, MB 228.31
TECTROL SUPER TRUCK 1540 SAE 15W-40 	High-performing SHPD engine oil for highly charged diesel engines in commercial vehicles, passenger cars and other engines of european or us-manufacturers.	Approvals: Deutz DQC III-10, MACK EO-N, MAN M 3275-1, MB-Approval 228.3 / 229.1, MTU Oil category 2, Renault RLD-2, Volvo VDS-3 Specifications: ACEA A3/B3/B4-10 / E7, API CF / CI-4 / SL, CAT ECF-1-a / ECF-2, GLOBAL DHD-1, JASO DH-1 Application recommendations*: ACEA E3 / E5, Allison C-4, Cummins CES 20071 / CES 20072 / CES 20076 / CES 20077 / CES 20078, Iveco 18-1804, MACK EO-M plus


Engine oil for passenger cars

Product	Description	Performance Profile
TECTROL SPEED LL 530 SAE 5W-30 	High-tech, fuel-efficiency engine oil with low SAPS additive technology. Designed for state-of-the-art passenger car engines of all leading manufacturers. Approved for Otto engines and in particular for diesel engines with particle filters and all vehicles with prolonged maintenance intervals.	Approvals: BMW Longlife-04, MB-Approval 229.51, VW 504 00 / 507 00 Specifications: ACEA C3 Application recommendations*: ACEA A3/B4
TECTROL SPEED C1 530 SAE 5W-30 	High-tech, fuel-efficiency engine oil with low SAPS additive technology. Developed for vehicles with Otto or diesel engine with and without turbocharger. Reduced HTHS, good fuel economy.	Specifications: ACEA C1, Ford WSS-M2C 934-B Application recommendations*: ACEA A5/B5, JASO DL-1
TECTROL SPEED C2 530 SAE 5W-30 	High-tech, fuel-efficiency engine oil with low SAPS additive technology. Developed for vehicles with Otto or diesel engine with and without turbocharger. Reduced HTHS, good fuel economy.	Specifications: ACEA C2, API CF / SM Application recommendations*: ACEA A5/B5, Fiat 9.55535-S1, PSA B 71 2290
TECTROL SPEED C4 530 SAE 5W-30 	High-tech, fuel-efficiency engine oil with low SAPS additive technology. Developed for vehicles with Otto or diesel engine with and without turbocharger.	Specifications: ACEA C4 Application recommendations*: Renault RN 0720
TECTROL SPEED 530 SAE 5W-30 	High-tech, fuel-efficiency engine oil with low SAPS additive technology. Developed for vehicles with Otto or diesel engine with and without turbocharger.	Approvals: BMW Longlife-04, MB-Approval 229.31, VW 502 00 / 505 00 Specifications: ACEA C3, API CF / SM Application recommendations*: ACEA A3/B4
TECTROL SPEED 540 SAE 5W-40 	Fuel-efficiency engine oil based on the latest synthetic technology for vehicles with Otto or diesel engine.	Approvals: MB-Approval 229.3, VW 502 00 / 505 00 Specifications: ACEA A3/B4 / B3, API CF / SN Application recommendations*: BMW Longlife-01, Opel GM-LL-B-025, PSA B 71 2296, Renault RN 0700 / RN 0710
TECTROL TURBO 3000 SAE 10W-40 	Fuel-efficiency engine oil based on HC-synthesis base oil for heavy loaded passenger car engines with and without turbocharger.	Approvals: MB-Approval 229.1 Specifications: ACEA A3/B4, API CF / SL Application recommendations*: BMW - Specialoil, VW 500 00 / 505 00, also recommended for Fiat

Single grade engine oil

Product	Description	Performance Profile
TECTROL HDC 10 SAE 10W	Heavy Duty (HD) single-grade engine oil for Otto and diesel engines with and without turbocharger. According to manufacturer's instructions also applicable in other aggregates.	Approvals: MAN 270, MB-Approval 228.0 Specifications: API CF-4 / SG Application recommendations*: ACEA E2, Allison C-4, CAT TO-2, MIL - L-2104 C, ZF TE-ML 02C / 03B
TECTROL HD 10 SAE 10W	Heavy Duty (HD) engine oil for Otto and diesel engines without turbocharger.	Specifications: API CC / SF
TECTROL HDC 2020 SAE 20W-20	Heavy Duty (HD) single-grade engine oil for Otto and diesel engines with and without turbocharger. According to manufacturers instructions also applicable in other aggregates (e.g. retarder).	Approvals: MAN 270, MB-Approval 228.0 Specifications: API CF-4 / SG Application recommendations*: ACEA E2, Allison C-4, CAT TO-2, MB 235.27, MIL - L-2104 D, Voith Retarder "A", ZF TE-ML 02C
TECTROL HD 2020 SAE 20W-20	Heavy Duty (HD) engine oil for Otto and diesel engines without turbocharger.	Specifications: API CC / SF
TECTROL HDC 2030 SAE 20W-30	Heavy Duty (HD) single-grade engine oil for Otto and diesel engines with and without turbocharger. Especially for the use in lawnmower.	Specifications: API CF-4 / SG Application recommendations*: Allison C-4, CAT TO-2, Deutz DQC I-02, MAN 270, MB 228.2, MIL - L-2104 D, MTU Oil category 2, ZF TE-ML 02C / 04B
TECTROL HDC 30 SAE 30	Heavy Duty (HD) engine oil for Otto and diesel engines without turbocharger. According to manufacturers instructions also applicable in other aggregates.	Specifications: API CC / SF
TECTROL HD 30 SAE 30	Heavy Duty (HD) engine oil for Otto and diesel engines without turbocharger.	Specifications: API CC / SF
TECTROL HDC 40 SAE 40	Heavy Duty (HD) single-grade engine oil for Otto and diesel engines with and without turbocharger. According to manufacturers instructions also applicable in other aggregates.	Approvals: Deutz DQC I-02, MAN 270, MB-Approval 228.2, MTU Oil category 2 Specifications: API CF-4 / SG Application recommendations*: ACEA E2, Allison C-4, CAT TO-2, MB 235.12, MIL - L-2104 D, ZF TE-ML 02C / 04B
TECTROL HDC 50 SAE 50	Heavy Duty (HD) single-grade engine oil for Otto and diesel engines with and without turbocharger. According to manufacturers instructions also applicable in other aggregates.	Approvals: Deutz DQC I-02 Specifications: API CF-4 / SG Application recommendations*: CAT TO-2, MB 228.0, MIL - L-2104 D 18 19

2-stroke engine oil

Product	Description	Performance Profile
TECTROL 2-TAKT MIX SYN 	Fully-synthetic, high performance "2-stroke oil". "Low-smoke-formulation, reduces deposits and prevents from glow ignition. Excellent suitable for separate lubrication systems.	Specifications: API TC, ISO L-EGD, JASO FC / FD Application recommendations*: TISI (Thai Industrial Standards Institute)
TECTROL 2-TAKT MIX UNIVERSAL	Premium 2-stroke engine oil based on selected baseoils. Good solubility, suitable for mixed and separate lubrication.	Specifications: API TC, ISO L-EGC, JASO FC
TECTROL 2-TAKT MIX	Self-mixing 2-stroke oil with good solubility, suitable for mixed and separate lubrication.	Specifications: API TC





Gas engine oil

Product	Description	Performance Profile
TECTROL METHAFLEXX HC PREMIUM SAE 40 	High-performance, state-of-the-art engine oil with specifically selected hydrocrack base oils for stationary gas engines.	Application recommendations*: High-performance lubricant for stationary gas engines.
TECTROL METHAFLEXX HC PLUS SAE 40	High-performance lubricant specifically for stationary gas engines fuelled by CNG, sewage and landfill gas. The engine oil is a zinc-free formulation and has a very high alkaline reserve enabling long oil change intervals.	Application recommendations*: High-performance lubricant for stationary gas engines.
TECTROL METHAFLEXX ZS PLUS SAE 40 	State-of-the-art special engine oil for stationary gas engines, pilot injection gas engines and vegetable oil engines.	Application recommendations*: High-performance lubricant for stationary engines fuelled by gas or vegetable oil.
TECTROL METHAFLEXX ZS SAE 40	Gas engine oil for stationary gas engines.	Application recommendations*: High-performance lubricant for stationary gas engines.
TECTROL METHAFLEXX HC-M PLUS SAE 40 	State-of-the-art special engine oil based on hydrocrack base oils with a high alkaline reserve for stationary gas engines.	Application recommendations*: High-performance lubricant for stationary gas engines.
TECTROL METHAFLEXX MD SAE 40	High-performance lubricant specifically for stationary gas engines fuelled by manure gas (sewage, landfill, slurry).	Application recommendations*: High-performance lubricant for stationary engines.
TECTROL METHAFLEXX D PLUS SAE 40	Zinc-free, high-performance lubricant specifically for gas engines where the manufacturers do not give any requirement regarding ash-and phosphorous content. High wear and corrosion protection in combination with an extensive acid neutralization allows operations also with aggressive special gases (sewage, landfill, biogas).	Application recommendations*: High-performance lubricant for stationary engines.

Gas engine oil

Product	Description	Performance Profile
TECTROL METHAFLEXX D SAE 40	High-performance lubricant specifically for stationary gas engines fuelled by manure gas (sewage, landfill, slurry). The engine oil offers through his high alkaline reserves and its active corrosion inhibitors the best protection of the high concentrated acids and corrosive components of these gases. Therefore long drain intervals are possible also with problematic gas-qualities. Also suitable for non-aggressive gases like natural gas and LPG when ash-contents of max 1 mass% are permitted by the manufacturer.	Application recommendations*: High-performance lubricant for stationary engines.
TECTROL METHAFLEXX NG PLUS SAE 40	Zinc-free, high-performance lubricant specifically for gas engines with exhaust gas catalyst and heat exchanger, but also suitable for aspiration engines with charging and lean engines and gas engines requiring an S ash content of less than 0.5 mass percent.	Application recommendations*: High-performance lubricant for stationary engines.
TECTROL METHAFLEXX NG SAE 40	High-performance lubricant specifically for gas engines with exhaust gas catalyst and heat exchanger, but also suitable for aspiration engines with charging and lean engines, approved by all leading gas engine manufacturers requiring an S ash content of less than 0.5 mass percent.	Application recommendations*: High-performance lubricant for stationary engines.
TECTROL METHAFLEXX GE-M SAE 40	Gas engine oil for stationary gas engines fuelled by special gases such as biogas, sewage and landfill gas.	Application recommendations*: High-performance lubricant for stationary gas engines.

Gear oil for vehicles (gearbox and axle drive oil)

Product	Description	Performance Profile
TECTROL SYNTOGEAR MM 7590 SAE 75W-90 	Fullsynthetic multigrade gear oil for the longest drain intervals in highly charged axle drives of commercial vehicles.	Approvals: MAN 342 Typ S1 Specifications: API GL-5 Application recommendations*: John Deere J 11 E/G, MB 235.8, Scania STO 1:0, Volvo 97312, ZF TE-ML 05B / 07 / 08 / 12B / 16F / 17B
TECTROL SYNTOGEAR MA 7580 SAE 75W-80 	Fullsynthetic high-performance gearbox oil especially for manual and automatic ZF-gearboxes, enables fuel economy through optimal efficiency. Suitable for longest drain intervals. Compatible to carbon-synchrisoners.	Approvals: MAN 341 Typ Z4, ZF TE-ML 01L / 02L / 16K Specifications: API GL-4 Application recommendations*: Volvo 97307, also recommended for DAF / Eaton / Iveco / Renault
TECTROL SYNTOGEAR 7590 SAE 75W-90 	Fullsynthetic multipurpose gear oil for manual gear and axle drives of passenger cars with and without multi-disc self-locking differentials.	Specifications: API GL-4 / GL-5 / LS Application recommendations*: VW G50 / G51
TECTROL MULTIGEAR PLUS 8090 SAE 80W-90 	EP universal, multi-purpose gear oil from HC synthesis for all gears filled with SAE oil classes SAE 80W, SAE 85W / 85W-90 and SAE 90.	Approvals: MAN 341 Typ E2 / 341 Typ Z2 / 342 Typ M2, ZF TE-ML / / 02B / 05A / 16B / 17B / 19B / 21A Specifications: API GL-4 / GL-5 Application recommendations*: Case MS 1316, CNH New Holland NH 520 A, Ford M2C 197-A, John Deere J 11 E, MB 235.0, Scania STO 1:0, SDFG , Steyr B-101, ZF TE-ML 07 / 08 / 12E

Gear oil for vehicles (gearbox and axle drive oil)

Product	Description	Performance Profile
TECTROL MULTIGEAR EP 8090 SAE 80W-90	EP universal, multi-purpose gear oil for all manual gears and axle drives.	Specifications: API GL-4 / GL-5 Application recommendations*: MAN 341 Typ Z1 / 342 Typ M1, MB 235.0 / 235.1
TECTROL MULTIGEAR HYP 90 SAE 90	Hypoid gear oil for highly charged axle drives of commercial vehicles and passenger cars.	Approvals: MAN 342 Typ M1, MB-Approval 235.0, ZF TE-ML 16C / 17B / 19B / 21A Specifications: API GL-5 Application recommendations*: Ford M2C 9102-A, John Deere J 11 E, Opel 1942387, VW TL 727, ZF TE-ML 05A / 07 / 08
TECTROL MULTIGEAR LS 90 SAE 90	LS-hypoid gear oil (LS = Limited Slip) for axel drives with and without self-locking differentials in commercial vehicles and machines.	Approvals: ZF TE-ML 05C / 12C / 16E / 21C Specifications: API GL-5 / LS Application recommendations*: CNH New Holland NH 520 B, Ford M2C 104-A, John Deere J 11 F, MIL - L-2105 D, also recommended for Liebherr
TECTROL MULTIGEAR 85140 SAE 85W-140	Hypoid gear oil for highly charged gear-boxes of vehicles and machines.	Specifications: API GL-4 / GL-5 Application recommendations*: MIL - L-2105 D, ZF TE-ML 05A / 12E / 16D
TECTROL UNIGEAR 90 SAE 90	Gear oil for synchronous and asynchronous manual transmissions.	Specifications: API GL-4 Application recommendations*: MAN 341 Typ Z1
TECTROL UNIGEAR 80 SAE 80W	Gear oil for synchronous and asynchronous manual transmissions.	Approvals: MAN 341 Typ E1 / 341 Typ Z2, MB-Approval 235.1, ZF TE-ML 02B / 17A Specifications: API GL-4 Application recommendations*: Ford M2C 9008-A, VW TL 726, ZF TE-ML 08

Automatic gear oil

Product	Description	Performance Profile
TECTROL ATF 4000	Ultra High Performance ATF for automatic transmission and other ATF-applications according DEXRON III (H). Improved cold-temperature characteristic and shifting performance as DEXRON II.	Approvals: MAN 339 Typ V1 / 339 Typ Z1, MB-Approval 236.1, Volvo 97341, ZF TE-ML 04D / 14A / 17C Application recommendations*: Allison C-4 / TES-389, BMW 81 22 9 400 272 / 81 22 9 400 275 / 81 22 9 407 738 / 83 22 0 403 248 / 83 22 9 407 765 / 83 22 9 407 807 / 83 22 9 407 858 / 83 22 9 407 859, CAT TO-2, DEXRON III H, Ford Mercon, Opel 1940707 / 1940767, Voith 55.6335.3x (G607), VW TL 521 62 (G 052 162), ZF TE-ML 09 / 11B
TECTROL ATF 3000	Multi-purpose ATF according DEXRON II (D) for all vehicles and machines according to manufacturer's recommendation.	Approvals: MAN 339 Typ V1 / 339 Typ Z1, MB-Approval 236.1, ZF TE-ML 04D / 14A Application recommendations*: Allison C-4, BMW 81 22 9 400 272 / 81 22 9 400 275 / 81 22 9 407 738, CAT TO-2, DEXRON II D, Ford M2C 138-CJ / M2C 166-H / M2C 185-A / M2C 9010-A / Mercon, Opel 1940700 / 1940707, Voith 55.6335.3x (G607), ZF TE-ML 09, also recommended for Renk Doromat / Volvo / VW 22 23

Hydraulic oil

Product	Description	Performance Profile
TECTROL TERRA HYD SUPER SYN ISO VG 32 - 68 	Economy-friendly multigrade hydraulic oil based on saturated synthetic ester-rapidly biodegradable.	Specifications: DIN 51 519 VG 46 / ISO 15380 HEES, ISO 3448 ISO VG 46 Application recommendations*: Case MS 1230, CAT BF-1, CNH New Holland NH 636 BS, DIN 51 524-2 HLP / 51 524-3 HVLP, Fendt KDM 28/2006, also recommended for Bosch Rexroth / Kramer Allrad / Liebherr / Palfinger / Ponsse / Sauer Danfoss / Timberjack / Valmet
TECTROL TERRA HYD SUPER S ISO VG 32 - 68 	Environmentally friendly, multi-purpose hydraulic oil based on saturated synthetic esters of mainly renewable resources for main application in mobile hydraulic units deployed in environmentally sensitive areas, but also for other hydraulic units.	Specifications: DIN / ISO 15380 HEES, ISO Application recommendations*: DIN 51 524-2 HLP / 51 524-3 HVLP
TECTROL TERRA HYD S ISO VG 32 - 68 	Economy-friendly multigrade hydraulic oil based on saturated synthetic ester for agriculture, forestry, building and communal machinery - rapidly biodegradable.	Specifications: DIN 51 519 VG 46 / ISO 15380 HEES, ISO 3448 ISO VG 46 Application recommendations*: DIN 51 524-2 HLP / 51 524-3 HVLP
TECTROL TERRA HYD 40 ISO VG 32 - 68 	Economy-friendly hydraulic oil based on native vegetable oils - rapidly biodegradable.	Specifications: DIN 51 519 VG 46 / ISO 15380 HETG Application recommendations*: DIN 51 524-2 HLP / 51 524-3 HVLP
TECTROL HYDRAFLEXX XL PRO 32 ISO VG 22 - 46 	HVLP high-performance hydraulic oil based on special hydrogenated HC-synthesis base oils and state of the art additive technology. Very high viscosity index and outstanding shear-stability, excellent wear protection and oxidation stability. Suitable especially at low starting temperatures, prevent from stick-slip effects. Energy saving, improvement of the efficiency.	Specifications: DIN 51 524-3 HVLP, ISO 6743-4 HV Application recommendations*: Caterpillar recommended for hydraulic systems, Cincinnati Milacron P68 / P69 / P70, Denison HFO - T6H20C: Hybrid-Pumpe, SAE 10W / 15W / 20W-20, U.S. Steel 127 / 136, Vickers 35VQ-25 / V104-C: Vane Pumps, also recommended for Bosch Rexroth / Terex
TECTROL HYDRAFLEXX XL PRO 46 ISO VG 32 - 46 	HVLP high-performance hydraulic oil based on special hydrogenated HC-synthesis base oils and state of the art additive technology. Very high viscosity index and outstanding shear-stability, excellent wear protection and oxidation stability. Suitable especially at low starting temperatures, prevent from stick-slip effects. Energy saving, improvement of the efficiency.	Specifications: DIN 51 524-3 HVLP, ISO 6743-4 HV Application recommendations*: Caterpillar recommended for hydraulic systems, Cincinnati Milacron P68 / P69 / P70, Denison HFO - T6H20C: Hybrid-Pumpe, SAE 10W / 10W-30 / 15W / 15W-30 / 20W-20, U.S. Steel 127 / 136, Vickers 35VQ-25 / V104-C: Vane Pumps, also recommended for Bosch Rexroth / Terex
TECTROL HYDRAFLEXX XL 32 ISO VG 22 - 46 	HVLP high-performance hydraulic oil based on special hydrogenated HC-synthesis base oils and state of the art additive technology. Very high viscosity index and outstanding shear-stability, excellent wear protection and oxidation stability. Suitable especially at low starting temperatures. Energy saving, improvement of the efficiency.	Specifications: DIN 51 524-3 HVLP, ISO 6743-4 HV Application recommendations*: Caterpillar recommended for hydraulic systems, Cincinnati Milacron P68 / P69 / P70, Denison HFO - T6H20C: Hybrid-Pumpe, SAE 10W / 15W / 20W-20, U.S. Steel 127 / 136, Vickers 35VQ-25 / V104-C: Vane Pumps, also recommended for Bosch Rexroth / Terex
TECTROL HYDRAFLEXX XL 46 ISO VG 32 - 68 	HVLP high-performance hydraulic oil based on special hydrogenated HC-synthesis base oils and state of the art additive technology. Very high viscosity index and outstanding shear-stability, excellent wear protection and oxidation stability. Suitable especially at low starting temperatures. Energy saving, improvement of the efficiency.	Specifications: DIN 51 524-3 HVLP, ISO 6743-4 HV Application recommendations*: Caterpillar recommended for hydraulic systems, Cincinnati Milacron P68 / P69 / P70, Denison HFO - T6H20C: Hybrid-Pumpe, SAE 10W / 10W-30 / 15W / 15W-30 / 20W-20, U.S. Steel 127 / 136, Vickers 35VQ-25 / V104-C: Vane Pumps, also recommended for Bosch Rexroth / Terex

Hydraulic oil

Product	Description	Performance Profile
TECTROL HC 530 ISO VG 22 - 68 	Detergent (HVLP-D) universal multi-purpose hydraulic fluid for all hydraulic systems in vehicles and machines, based on HC-synthesis base oils. High viscosity index (HVI), excellent viscosity-temperature properties. Suitable for product-rationalization. Outstanding additivation for the improvement of the corrosion and wear protection as well as ageing-resistance.	Specifications: DIN 51 524-3 HVLP (detergent)
TECTROL HVLP-D 3268 ISO VG 32 - 68	Detergent (HVLP-D) universal multi-purpose hydraulic fluid for all hydraulic systems in vehicles and machines, based on HC-synthesis base oils. High viscosity index (HVI), excellent viscosity-temperature properties. Suitable for product-rationalization. Outstanding additivation for the improvement of the corrosion and wear protection as well as ageing-resistance.	Specifications: DIN 51 524-3 HVLP (detergent, except demulsibility according DIN 51599)
TECTROL HVLP 1030 ISO VG 46 - 100 SAE 10W-30	HVLP-lubricating and hydraulic fluid with additives to improve the corrosion and wear protection as well as ageing-resistance. High viscosity index (HVI), excellent viscosity-temperature properties. Suitable for product-rationalization.	Specifications: DIN 51 524-3 HVLP Application recommendations*: AFNOR NF E 48-603 HV, ASLE 70-1 / 70-2 / 70-3, CETOP RP 91 H (HM, HV), David Brown S1.53.101, Denison HF2, DIN 51 524-2 HLP, SAE 10W / 20W-20 / 30, SEB 181222, U.S. Steel 126 / 127, VDMA 24318, Vickers I-286 S3 / M-2950-S
TECTROL HVLP 32 ISO VG 32	HVLP-lubricating and hydraulic fluid with additives to improve the corrosion and wear protection as well as ageing-resistance. High viscosity index (HVI), excellent viscosity-temperature properties.	Specifications: DIN 51 524-3 HVLP Application recommendations*: AFNOR NF E 48-603 HV, ASLE 70-1 / 70-2 / 70-3, CETOP RP 91 H (HM, HV), David Brown S1.53.101, Denison HF2, DIN 51 524-2 HLP, SEB 181222, U.S. Steel 126 / 127, VDMA 24318, Vickers I-286 S3 / M-2950-S
TECTROL HVLP 46 ISO VG 46	HVLP lubricating and hydraulic oil with additives enhancing the corrosion and wear protection and the lifetime stability. High viscosity index (HVI), very good viscosity/temperature properties.	Specifications: DIN 51 524-3 HVLP Application recommendations*: AFNOR NF E 48-603 HV, CETOP RP 91 H (HM, HV), Denison HF2, DIN 51 524-2 HLP, SEB 181222, U.S. Steel / 126 and 127
TECTROL HVLP 68 ISO VG 68	HVLP-lubricating and hydraulic fluid with additives to improve the corrosion and wear protection as well as ageing-resistance. High viscosity index (HVI), excellent viscosity-temperature properties.	Specifications: DIN 51 524-3 HVLP Application recommendations*: AFNOR NF E 48-603 HV, ASLE 70-1 / 70-2 / 70-3, CETOP RP 91 H (HM, HV), David Brown S1.53.101, Denison HF2, DIN 51 524-2 HLP, SEB 181222, U.S. Steel 126 / 127, VDMA 24318, Vickers I-286 S3 / M-2950-S
TECTROL MR 5 ISO VG 22	Multi-purpose hydraulic fluid (HLP-D) with detergent and demulsifying properties, also suitable as slideway oils. Good viscosity-temperature properties.	Specifications: DIN 51 524-3 HVLP (detergent)
TECTROL MR 10 ISO VG 32	Multi-purpose hydraulic fluid (HLP-D) with detergent and demulsifying properties, also suitable as slideway oils. Good viscosity-temperature properties.	Specifications: DIN 51 524-3 HVLP (detergent)
TECTROL MR 15 ISO VG 46	Multi-purpose hydraulic fluid (HLP-D) with detergent and demulsifying properties, also suitable as slideway oils. Good viscosity-temperature properties.	Specifications: DIN 51 524-3 HVLP (detergent)

Hydraulic oil

Product	Description	Performance Profile
TECTROL MR 20 ISO VG 68	Multi-purpose hydraulic fluid (HLP-D) with detergent and demulsifying properties, also suitable as slideway oils. Good viscosity-temperature properties.	Specifications: DIN 51 524-3 HVLP (detergent)
TECTROL HLPD 32 ISO VG 32	Zinc-free, detergent and dispersant hydraulic fluid with additives to improve the corrosion and wear protection as well as the ageing-resistance.	Specifications: DIN 51 524-2 HLP (detergent)
TECTROL HLPD 46 ISO VG 46	Zinc-free, detergent and dispersant hydraulic fluid with additives to improve the corrosion and wear protection as well as the ageing-resistance.	Specifications: DIN 51 524-2 HLP (detergent)
TECTROL HLPD 68 ISO VG 68	Zinc-free, detergent and dispersant hydraulic fluid with additives to improve the corrosion and wear protection as well as the ageing-resistance.	Specifications: DIN 51 524-2 HLP (detergent)
TECTROL HLP 10 ISO VG 10	Lubricating and hydraulic fluid with additives to improve the corrosion and wear protection as well as ageing-resistance.	Specifications: DIN 51 524-2 HLP Application recommendations*: AFNOR NF E 48-603 (HM, HV), CETOP RP 91 H (HM, HV), Denison Filterability TP 02100, Hoesch HWN 2333, SIS SS 155434, Sperry Vickers M2950-S und I-286-S, U.S. Steel 126 / 127, also recommended for Bosch Rexroth
TECTROL HLP 22 ISO VG 22	Lubricating and hydraulic fluid with additives to improve the corrosion and wear protection as well as ageing-resistance.	Specifications: DIN 51 524-2 HLP Application recommendations*: AFNOR NF E 48-603 (HM, HV), CETOP RP 91 H (HM, HV), Denison Filterability TP 02100, Hoesch HWN 2333, SIS SS 155434, Sperry Vickers M2950-S und I-286-S, U.S. Steel 126 / 127, also recommended for Bosch Rexroth
TECTROL HLP 32 ISO VG 32	Lubricating and hydraulic fluid with additives to improve the corrosion and wear protection as well as ageing-resistance.	Application recommendations*: AFNOR NF E 48-603 (HM, HV), CETOP RP 91 H (HM, HV), Denison Filterability TP 02100, Hoesch HWN 2333, SIS SS 155434, Sperry Vickers M2950-S und I-286-S, U.S. Steel 126 / 127, also recommended for Bosch Rexroth
TECTROL HLP 46 ISO VG 46	Lubricating and hydraulic fluid with additives to improve the corrosion and wear protection as well as ageing-resistance.	Specifications: DIN 51 524-2 HLP Application recommendations*: AFNOR NF E 48-603 (HM, HV), also recommended for Bosch Rexroth, CETOP RP 91 H (HM, HV), Denison Filterability TP 02100, Hoesch HWN 2333, SEB 181222, SIS SS 155434, Sperry Vickers M2950-S und I-286-S, U.S. Steel / 126 and 127, also recommended for Bosch Rexroth
TECTROL HLP 68 ISO VG 68	Lubricating and hydraulic fluid with additives to improve the corrosion and wear protection as well as ageing-resistance.	Specifications: DIN 51 524-2 HLP Application recommendations*: AFNOR NF E 48-603 (HM, HV), CETOP RP 91 H (HM, HV), Denison Filterability TP 02100, Hoesch HWN 2333, SIS SS 155434, Sperry Vickers M2950-S und I-286-S, U.S. Steel 126 / 127, also recommended for Bosch Rexroth
TECTROL HLP 100 ISO VG 100	Lubricating and hydraulic fluid with additives to improve the corrosion and wear protection as well as ageing-resistance.	Specifications: DIN 51 524-2 HLP Application recommendations*: AFNOR NF E 48-603 (HM, HV), CETOP RP 91 H (HM, HV), Denison Filterability TP 02100, Hoesch HWN 2333, SIS SS 155434, Sperry Vickers M2950-S und I-286-S, U.S. Steel 126 / 127, also recommended for Bosch Rexroth

Hydraulic oil

Product	Description	Performance Profile
TECTROL FOOD HYDRAULIKÖL HVLP 32 ISO VG 32	Full-synthetic hydraulic fluid with premium additives, developed for the application in the food, beverage, feed and packing industry.	Approvals: NSF H1 147629 Specifications: DIN 51 524-3 HVLP
TECTROL FOOD HYDRAULIKÖL HVLP 46 ISO VG 46	Full-synthetic hydraulic fluid with premium additives, developed for the application in the food, beverage, feed and packing industry.	Approvals: NSF H1 147630 Specifications: DIN 51 524-3 HVLP
TECTROL FOOD HYDRAULIKÖL HVLP 68 ISO VG 68	Full-synthetic hydraulic fluid with premium additives, developed for the application in the food, beverage, feed and packing industry.	Approvals: NSF H1 147631 Specifications: DIN 51 524-3 HVLP
TECTROL FOOD HYDRAULIKÖL HLP 32 ISO VG 32	Hydraulic fluid based on pharmaceutical white oil and premium additives, developed for the food, industry in hydraulic systems with the risk of food-contacts.	Approvals: NSF H1 147626 Specifications: DIN 51 524-2 HLP
TECTROL FOOD HYDRAULIKÖL HLP 46 ISO VG 46	Hydraulic fluid based on pharmaceutical white oil and premium additives, developed for the food, industry in hydraulic systems with the risk of food-contacts.	Approvals: NSF H1 147627 Specifications: DIN 51 524-2 HLP
TECTROL FOOD HYDRAULIKÖL HLP 68 ISO VG 68	Hydraulic fluid based on pharmaceutical white oil and premium additives, developed for the food, industry in hydraulic systems with the risk of food-contacts.	Approvals: NSF H1 147628 Specifications: DIN 51 524-2 HLP

Central hydraulic / Power steering fluids

Product	Description	Performance Profile
TECTROL ZH P-SYN	Premium central hydraulic fluid based on fully-synthetic base oils.	Approvals: MAN M 3289 Application recommendations*: BMW 81 22 9 407 758 / 82 11 1 468 041 / 83 29 0 429 576, Ford M2C 204-A, Opel 1940715 / 1940766, PSA S 71 2710, VW TL 521 46

Grease

Product	Description	Performance Profile
TECTROL TERRA SPEZIAL-FETT 2 S NLGI 2 	Rapidly biodegradable multi-purpose, long-time grease based on synthetic esters for the lubrication of all types of roller and slide bearings, including wheel hubs. Suitable for water- and soil-sensitive areas.	Specifications: DIN 51 502 KPE 2 K-40, ISO -L-X-DCEB 2 Application recommendations*: MAN 283 Li-P 2-B, Operating & application temperature range -40 °C up to +120 °C
TECTROL TERRA MULTI-FETT 1 N NLGI 1 	Calcium thickened grease based on rapeseed oil for the loss-lubrication in agriculture, forestry, building and communal machinery – economy friendly because fast biodegradable, applicable e.g. for sewage plants, floodgates, chains etc.	Specifications: DIN 51 502 KX 1 C-25, ISO -L-X-BAEA 1 Application recommendations*: Operating & application temperature range -25 °C up to +70 °C
TECTROL TERRA MULTI-FETT 2 N NLGI 2 	Calcium thickened grease based on rapeseed oil for the loss-lubrication in agriculture, forestry, building and communal machinery – economy friendly because fast biodegradable, applicable e.g. for sewage plants, floodgates, chains etc.	Specifications: DIN 51 502 KX 2 C-20, ISO -L-X-BAEA 2 Application recommendations*: Operating & application temperature range -20 °C up to +70 °C
TECTROL SPEZIAL-FETT LX 2 NLGI 2	Lithium-complex thickened EP-grease for multi-purpose application. High lubrication-film stability and good adhesive properties reduce wear and friction to a minimum. Long-term lubrication of roller and slide bearings in packing machines, passenger and utility vehicles. Suitable for high thermal and mechanical loads.	Specifications: DIN 51 502 KP 2 P-30, ISO -L-X-CEHB 2 Application recommendations*: Operating & application temperature range -30 °C to +160 °C, shortly up to +200 °C
TECTROL SPEZIAL-FETT CX 2 NLGI 2	Calcium-complex thickened EP-temperature-stable special grease, highly water-resistant, acid- and alkaline-stable, for bearings with high loads, suitable for central lubrication systems, preferable use in rubber, tyre, steel, stone, soil and chemical industries.vehicles. Suitable for high thermal and mechanical loads.	Specifications: DIN 51 502 KP 2 N-30, ISO -L-X-CDHB 2 Application recommendations*: Operating & application temperature range -30 °C bis +140 °C
TECTROL SPEZIAL-FETT CX 1 NLGI 1	Calcium-complex thickened EP-temperature-stable special grease, highly water-resistant, acid- and alkaline-stable, for bearings with high loads, suitable for central lubrication systems, preferable use in rubber, tyre, steel, stone, soil and chemical industries.vehicles. Suitable for high thermal and mechanical loads.	Specifications: DIN 51 502 KP 1 N-30, ISO -L-X-CDHB 2 Application recommendations*: Operating & application temperature range -30 °C up to +140 °C
TECTROL MULTI-FETT H 443-HD 88 NLGI 2-3	High-grade, temperature-stable, multi-purpose grease based on lithium soap for the lubrication of roller and slide bearings, especially for irregular and highly fluctuating loads, high adhesion, very good sealing properties.	Specifications: DIN 51 502 KP 3/2 N-30, ISO -L-X-CDEB 3/2 Application recommendations*: also recommended for Flender / RWE Rheinbraun / SKF, Operating & application temperature range -30 °C bis +140 °C
TECTROL MULTI-FETT RED NLGI 2	Allround grease based on a special lithium-calcium-soap combination with selected additives, outstanding by its temperature-stability, high-pressure-load, and working stability, good sealing of the lubricating point against the penetration of water and dirt from outside, excellent long-term wear-protection on roller and slide bearings. Optimization of the drain intervals.	Specifications: DIN 51 502 KP 2 K-20, ISO -L-X-BCHB 2 Application recommendations*: Operating & application temperature range -25 °C up to +130 °C
TECTROL MULTI-FETT CAL 2 NLGI 2	Performance-optimized, long-term adhesive grease based on special calcium soap, meets the highest corrosion protection and water and salt water resistance standards. Suitable for long-term lubrication of industrial, construction and agricultural machines.	Specifications: DIN 51 502 KP 2 K-30, ISO -L-X-CCHB 2 Application recommendations*: Operating & application temperature range -30 °C bis +120 °C

Grease

Product	Description	Performance Profile
TECTROL MULTI-FETT LZR 2 H NLGI 2	Lithium grease with long-term corrosion inhibitor and EP additives, especially suited for central lubrication systems, Hytel-compatible, for all roller and slide bearings and central lubrication systems in utility vehicles and processing machines, with distinctive corrosion protection also in the presence of salt water.	Specifications: DIN 51 502 KP 2 N-30, ISO -L-X-CDIB 2 Application recommendations*: also recommended for Beka Max / Lincoln / Willi Vogel, Operating & application temperature range -30 °C bis +140 °C
TECTROL MULTI-FETT EP 2 NLGI 2	High-class multi-purpose grease based on lithium soap with excellent low-temperature properties. Universal application for various lubricating points at passenger cars, commercial vehicles, construction and agricultural machinery.	Approvals: MB-Approval 267.0 Specifications: DIN 51 502 KP 2 K-40, ISO -L-X-DCEB 2 Application recommendations*: Operating & application temperature range -40 °C up to +120 °C
TECTROL MULTI-FETT NLGI 2	Lithium-soap multi-purpose grease for the application in all roller and slide bearings of vehicles, construction and agricultural machinery.	Specifications: DIN 51 502 K 2 K-30, ISO -L-X-CCEA 2 Application recommendations*: Operating & application temperature range -30 °C up to +120 °C
TECTROL MULTI-FETT FLM 2 NLGI 2	Multi-purpose high-performance grease with super wear protection (MoS2) for all grease-lubrications points at commercial vehicles and machinery, especially tried and tested at extreme loads e.g. at construction traffic.	Specifications: DIN 51 502 KPF 2 N-30, ISO -L-X-CDEB 2 Application recommendations*: Operating & application temperature range -30 °C up to +140 °C
TECTROL MULTI-GETRIEBFLIESSFETT NLGI 0	Natrium-soap, stringy, wear-protecting gear grease.	Specifications: DIN 51 502 GP 0 H-30, ISO -L-X-CBBB 0 Application recommendations*: Operating & application temperature range -30 °C up to +100 °C
TECTROL FOOD HOCHLEISTUNGS- SCHMIERFETT NLGI 2	Aluminium-complex-soap grease with white solid lubrication elements for the application in the food- and beverage industry under serve conditions, offers emergency operation features. For applications with the risk of food-contacts.	Approvals: NSF H1 147636 Specifications: DIN 51 502 KHC PF2 N-40, ISO -L-X-DDHB 2 Application recommendations*: Operating & application temperature range -40 °C up to +150 °C, shortly up to +200 °C
TECTROL FOOD MEHRZWECKFETT NLGI 2	High-performance semi-synthetic aluminium-complex-soap grease with additivation against wear, oxidation as well as corrosion and EP-additives, especially suitable for applications with the risk of food-contacts.	Approvals: NSF H1 147640 Specifications: DIN 51 502 KP 2 K-30, ISO -L-X-CCHB 2 Application recommendations*: Operating & application temperature range -30 °C up to +130 °C, shortly up to +160 °C

Industrial gear oil

Product	Description	Performance Profile
TECTROL CLP 100 ISO VG 100	State-of-the-art industrial gear oil with EP additives, FZG damage force level higher than 12. Very high grey staining resistance, extremely high load-bearing ability.	Specifications: DIN 51 517-3 CLP
TECTROL CLP 150 ISO VG 150	State-of-the-art industrial gear oil with EP additives, FZG damage force level higher than 12. Very high grey staining resistance, extremely high load-bearing ability.	Specifications: DIN 51 517-3 CLP
TECTROL CLP 220 ISO VG 220	State-of-the-art industrial gear oil with EP additives, FZG damage force level higher than 12. Very high grey staining resistance, extremely high load-bearing ability.	Specifications: DIN 51 517-3 CLP
TECTROL CLP 320 ISO VG 320	State-of-the-art industrial gear oil with EP additives, FZG damage force level higher than 12. Very high grey staining resistance, extremely high load-bearing ability.	Specifications: DIN 51 517-3 CLP
TECTROL CLP 460 ISO VG 460	State-of-the-art industrial gear oil with EP additives, FZG damage force level higher than 12. Very high grey staining resistance, extremely high load-bearing ability.	Specifications: DIN 51 517-3 CLP
TECTROL FOOD INDUSTRIE-GETRIEBEÖL CLP 150 ISO VG 150	Fully-synthetic high-performance gear oil, especially developed for the application in the food- and beverage industry.	Approvals: NSF H1 147633 Specifications: DIN 51 517-3 CLP
TECTROL FOOD INDUSTRIE-GETRIEBEÖL CLP 220 ISO VG 220	Fully-synthetic high-performance gear oil, especially developed for the application in the food- and beverage industry.	Approvals: NSF H1 147632 Specifications: DIN 51 517-3 CLP
TECTROL FOOD INDUSTRIE-GETRIEBEÖL CLP 320 ISO VG 320	Fully-synthetic high-performance gear oil, especially developed for the application in the food- and beverage industry.	Approvals: NSF H1 147634 Specifications: DIN 51 517-3 CLP
TECTROL FOOD INDUSTRIE-GETRIEBEÖL CLP 460 ISO VG 460	Fully-synthetic high-performance gear oil, especially developed for the application in the food- and beverage industry.	Approvals: NSF H1 147635 Specifications: DIN 51 517-3 CLP

Lubricating oil

Product	Description	Performance Profile
TECTROL CL 150 ISO VG 150	Machinery lubricant for hydraulic- and gear-systems for the lubrication of gears and bearings.	Specifications: DIN 51 517-2 CL / 51 524-HL

Metal working fluid

Product	Description
TECTROL METALLUM MM 90-28	Mineraloil-free, non-water-miscible cutting fluid for minimum quantity lubrication (MQL) of metallic materials.
TECTROL METALLUM OL 10-5	Non-water-miscible cutting fluid for grinding and hone operations of metallic materials, also applicable as spark erosion oil.
METALLUM OL 20-22 ISO VG 22	Non-water-miscible multi-purpose cutting fluid for cutting operations of metallic and non-metallic materials, also applicable as hydraulic fluid.
TECTROL METALLUM OL 30-32 ISO VG 32	Non-water-miscible multi-purpose cutting fluid for cutting operations of metallic and non-metallic materials, also applicable as hydraulic fluid.
TECTROL METALLUM OL 40-30	Non-water-miscible multi-purpose cutting fluid for basic to medium cutting operations of metallic materials.
TECTROL METALLUM OL 50-20 ISO VG 22	Non-water-miscible multi-purpose cutting fluid for medium to heavy cutting operations of metallic materials.
TECTROL METALLUM WE 101	Water-miscible cutting-concentrate for universal cutting-operations of metallic materials.
TECTROL METALLUM WE 202	High-Performance water-miscible cutting-fluid, especially suitable for operations on casted iron.
TECTROL METALLUM WE 303	Water-miscible cutting-fluid, especially suitable for operations on steel.
TECTROL METALLUM WE 404	Water-miscible cutting-fluid, especially suitable for operations on steel and aluminium.
TECTROL METALLUM WE 505	Water-miscible cutting-fluid, especially suitable for operations on heavy cutting materials.
TECTROL METALLUM WE 606	Water-miscible cutting-fluid based on mineraloil, especially suitable for operations on aluminium- and non-ferrous metals.
TECTROL METALLUM WK 33	Mineraloil-free water-miscible cutting-fluid especially suitable for grinding-operations of metallic materials.
TECTROL METALLUM WK 55	Mineraloil-free water-miscible cutting-fluid especially suitable for grinding-operations of carbide metals.


Slideway oil

Product	Description	Performance Profile
TECTROL CGLP 68 ISO VG 68	Special oil for slideways on machine tools. Prevent from stick-slip at low forward speed and high loadings.	Specifications: DIN 51 517-3 CLP / 51 524
TECTROL CGLP 220 ISO VG 220	Special oil for slideways on machine tools. Prevent from stick-slip at low forward speed and high loadings.	Specifications: DIN 51 517-3 CLP / 51 524

Tacky oil

Product	Description	
TECTROL HAFTÖL 150 ISO VG 150	Tacky oil for the loss-lubrication in the wood-, paper- and packaging industry.	
TECTROL HAFTÖL 220 ISO VG 220	Tacky oil for the loss-lubrication in the wood-, paper- and packaging industry.	
TECTROL HAFTÖL 320 ISO VG 320	Tacky oil for the loss-lubrication in the wood-, paper- and packaging industry.	
TECTROL HAFTÖL 460 ISO VG 460	Tacky oil for the loss-lubrication in the wood-, paper- and packaging industry.	
TECTROL TERRA SÄGEKETTENÖL BLUE 	Chain-saw-oil based on vegetable-oils, rapidly biodegradable.	Application recommendations*: Dolmar / Husqvarna / Solo / Stihl
TECTROL TERRA SÄGEKETTENÖL 	Chain-saw-oil based on vegetable-oils, rapidly biodegradable.	Application recommendations*: Dolmar / Husqvarna / Solo / Stihl
TECTROL TERRA SÄGEKETTENÖL SPEZIAL ISO VG 220 	Special Chain-oil for the application on harvesters, biodegradable.	Application recommendations*: High-performance lubricant for Harvester
TECTROL SÄGEKETTENÖL	High-performance chain-saw oil based on mineral oil, with extreme wear-protection and high viscosity (100 mm ² /s), offers minimum blade-wear.	Application recommendations*: Dolmar / Husqvarna / Solo / Stihl


Corrosion protection fluid

Product	Description
TECTROL ROSTSCHUTZ BW 366	Multi-purpose corrosion-protection wax, for the outside-conservation and undercoating as well as body-cavity sealing of vehicles.
TECTROL ROSTLÖSER DFG	Spray-fluid with micro molybdenum disulfide (MoS ₂) and black lead, with dewatering and corrosion-protection properties.
TECTROL ROSTSCHUTZ HELL	Light sprayable multi-purpose fluid with dewatering and corrosion-protection properties.
TECTROL TERRA SPRÜHÖL S 	Environment protecting biodegradable corrosion-protection fluid and rust dissolver based on renewable raw materials. Does not affect paints and varnish.

Form work oil

Product	Description
TECTROL TERRA SCHALUNGSÖL-SN  	Releasing agent for wood- and metal-forms, mixer-protection, based on renewable raw materials – biodegradable.
TECTROL TRENNMITTEL BETO 100	Multi-purpose releasing-agent for all common form works in buildings and concrete factories.
TECTROL TRENNMITTEL BETO 500	Special-releasing-agent for exposed concrete, for all common form works in buildings.
TECTROL TRENNMITTEL BETO BLUE 	Biodegradable multi-purpose releasing-agent
TECTROL TRENNMITTEL BETO WAX	Releasing agent based on solvent containing waxes.
TECTROL TRENNMITTEL BITU CLEAN	Releasing- and cleaning-agent for bitumen and asphalt soiling of settings of trucks, rollers, and body parts of trucks.
TECTROL TRENNMITTEL BITU WM	Water-mixible releasing-agent based on renewable raw materials for bitumen and asphalt.
TECTROL FORMENÖL 550	Multi-purpose releasing-agent exposed concrete, suitable for all common form works in buildings, civil engineering and prefabricated concrete parts.

Vacuum pump oil

Product	Description
TECTROL TERRA LUBE 530 ISO VG 46 	Environmental friendly slurry and vacuum-pump oil, rapidly biodegradable.
TECTROL MELKMASCHINENÖL UNIVERSAL ISO VG 46	Synthetic, high-performance oil for vacuum pumps at mechanical milkers.

Antifreeze

Product	Description	Performance Profile
TECTROL COOLPROTECT	Antifreeze based on monoethylene glycol, free from amine, nitrite and phosphate.	Approvals: MAN 324 Typ NF, MB-approval 325.0 Specifications: AFNOR NF R 15-601, ASTM D 3306 / D 4985, CUNA NC 956-16, ONORM V 5123, SAE J1034 Application recommendations*: Bez. Reg. Arnsberg, Abt. Bergbau u. Energie 84.12.22.63-2001-2, BMW N 600 69.0, Bundeswehr TL 6850-0038/1, Deutz H-LV 0161 0188, Jenbacher TA 1000-0201, Liebherr Machines Bulle TLV 035 / TLV 23009 A, MTU / MTL 5048, Opel B 040 0240, Saab 6901599, VW TL 774-C
TECTROL COOLPROTECT S	Antifreeze based on monoethylene glycol, free from amine, nitrite and phosphate.	Specifications: ASTM D 3306 / D 4340 / D 4985, SAE J1034 Application recommendations*: BS 6580, MAN 324 Typ NF, MB 325.2, NATO S-759

Cleaner, Protection- and care-fluid

Product	Description
TECTROL MULTI SPRAY	Multi-Purpose lubricating and care-spray, rust dissolving, anti-corrosion protection, water-repellent, impregnating. With Teflon, without silicone.
TECTROL ZAHNRADSPRAY DUOTAC	Special lubricant for open gears, gear rings, chains and steel-ropes. Graphite-formula for stable protection and lubrication-film.
TECTROL KETTENSPRAY	Long-term lubrication for chains, bearings, clutches and articulations. Best adhesion and fluidity.
TECTROL ROSTLOESER MOS SPRAY	Spray-fluid with micro molybdenum disulfide (MoS ₂) and black lead, with dewatering and corrosion-protection properties.
TECTROL ROSTLOESER HELL SPRAY	Light sprayable multi-purpose fluid with dewatering and corrosion-protection properties.
TECTROL ROSTSCHUTZ BW 366 SPRAY	Multi-purpose corrosion-protection wax, for the outside-conservation and undercoating as well as body-cavity sealing of vehicles.
TECTROL SCHAUMREINIGER	Environmental friendly cleaning-foam, removes oil, grease and tar-spots. For all glass, chrome and plastic-materials as well as upholstery.
TECTROL BREMSREINIGER	Special cleaner for disc-brakes, brake- and clutch facings. Degreases heavily oiled parts. Harmless to rubber and plastics.
TECTROL KALTREINIGER	State of the art cold-cleaning agent, based on disaromatised, selected powerfull dissolving hydrocarbon composite, excellent cleaning power, fast-acting, harmless to materials, good corrosion-protection.
TECTROL SILIKONSPRAY	Non-lipid care-, glide-, release- and protection-spray for metals, rubber, plastics and wood.
TECTROL COCKPITSPRAY	Care- and protection spray of car fittings, plastic parts, rubber and leather. prevents from glare through light reflexion. Antistatic.
TECTROL KALTSTARTSPRAY	Cold-start-spray for reliable cold-start of otto-and diesel-engines, especially at cold temperatures and moisture. Protects battery and starter.


Cleaner, Protection- and care-fluid

Product	Description	
TECTROL KONTAKTSPRAY	Contact-spray for the improvement of the electrical conductivity, eliminates power losses, prevents oxidation and displaces water.	
TECTROL LECKSUCHSPRAY	Leakage-spray for the fast detection of leakages at gas-or pressure carrying components. For CO ₂ , propane, butane, acetylene, natural and biogas, nitrogen and nitrous oxide.	
TECTROL PLANTO SPRUEHOEL S SPRAY	Light environment protecting biodegradable corrosion-protection spray and rust dissolver based on renewable raw materials. Does not affect paints and varnish.	
TECTROL FOOD FETTSPRAY	Special grease for difficult application in the food-and beverage industry where extreme temperature ranges and high pressure as well as high rotating speeds are operational criterias.	Approvals: NSF H1 147639 Application recommendations*: Operating & application temperature range -50 °C up to +180 °C, shortly up to +220 °C
TECTROL FOOD KETTENSPRAY	Physiological harmless synthetic adhesive lubricant for the food- and beverage industry, for the lubrication of chains, ropes and open drives.	Approvals: NSF H1 147624 Application recommendations*: Operating & application temperature range -25 °C up to +180 °C
TECTROL FOOD SPRÜHÖL	Physiological harmless, colourless synthetic oil for the lubrication and maintenance of all moving parts.	Approvals: NSF H1 147641 36 37

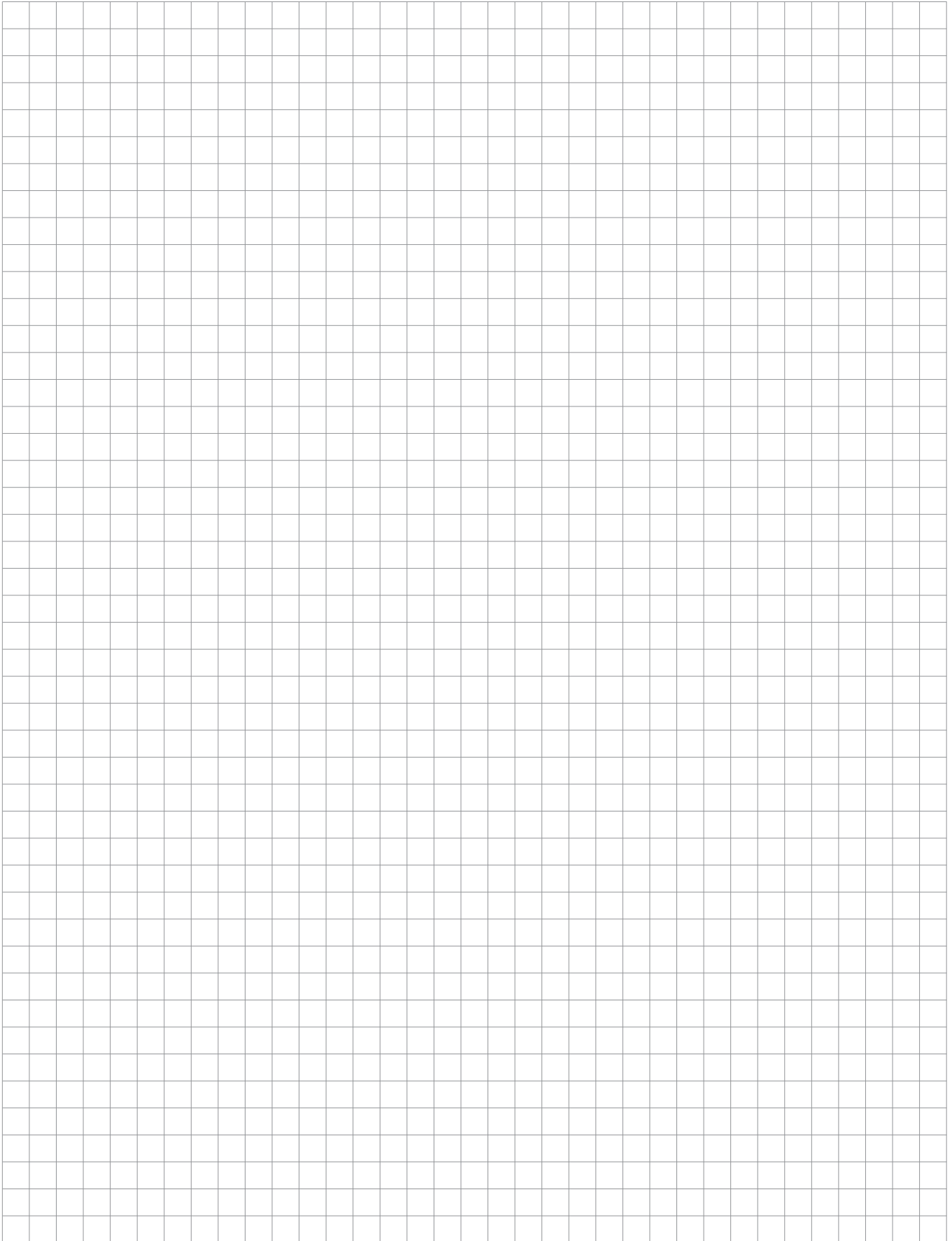
Oil binder/absorbant

Product	Description
TECTROL OELBINDER S	Oil binder/absorbant based on polyurethan, water-repellent and floatable. Type I,II,III R SF.

Special fuel

Product	Description	Performance Profile
TECTROL ECO BENZIN 2 PLUS 	Ready-to-use, special fuel mixture for 2-stroke engines with mixing ratios of 1:25 to 1:100. Protects both the environment and health. Optimized combustibility and efficient combustion improve performance and lifetime of the engines.	Approvals: Emak efco / Oleo-Mac, kwf Quality seal (Kuratorium für Waldarbeit and Forstwirtschaft) Application recommendations*: also suitable for 2-stroke engines of type STIHL, HUSQVARNA, DOLMAR, SOLO and more brand manufacturers., SN 181163 (Schweizer Norm), SS 15 54 61 (Schwedische Norm)
TECTROL ECO BENZIN 4	Pollution-reduced special fuel for 4-stroke engines e.g. lawnmower, string timmer, etc. Protects both the environment and health.	Application recommendations*: SN 181163 (Schweizer Norm), SS 15 54 61 (Schwedische Norm), also suitable for 4-stroke engines of type STIHL, HUSQVARNA, DOLMAR, SOLO and more brand manufacturers.

Notes



Expert advice:

Our lubricant distributors provide advice concerning the optimal application of our lubricants. You will receive active support in finding a solution for your individual needs.

For further information please write to info@tectrol.de or call +49 931- 991 72 420.

Your nearest distributor