LUBRICANTS FOR VOLVO **COMMERCIAL VEHICLES**

Quality counts. As one of the leading factory fill specialists we supply high performance quality. Today and tomorrow. Therefore VOLVO counts on lubricants and specialities of FUCHS.

LUBRICANTS.

TECHNOLOGY. PEOPLE.

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| PRODUCT | CHARACTERISTICS | SPECIFICATIONS/ APPROVALS |
|---|---|--|
| Motor Oils | | |
| TTAN CARGO MAXX SAE 5W-30 | Premium MAXX Performance Engine Oil with new XTL®-Technology. Specially developed for vehicles with modern exhaust after treatment and turbocharger. Optimum cold starting properties and ageing stability for extreme fuel-economy over the whole drain-interval. | ACEA E6 VOLVO VDS-3 |
| TTAN CARGO MAXX SAE 10W-40 XIII S | Premium MAXX Performance Engine Oil with new XTL®-Technology. Specially developed for vehicles with modern exhaust after treatment and turbocharger. Good cold starting properties and ageing stability for fuel-economy over the whole drain-interval. | ACEA E9/E7/E6 API CI-4 VOITH-RETARDER "B" VOLVO VDS-3/CNG |
| TTTAM CARGO SL SAE 5W-30 | Ultra High Performance, extreme fuel-economy engine oil for a variety of commercial vehicle diesel engines, with optimum cold starting and lower oil consumption. Specially developed for extended service inter- vals. | ACEA E7/E4 VOLVO VDS-3 |
| 777AN CARGO MC SAE 10W-40 | Ultra High Performance, fuel-economy engine oil based on MC-synthesis for a variety of commercial vehicle diesel engines. Specially developed for extended service intervals. Good cold starting and lower oil consumption. | ACEA E7/E4 API CI-4 VOLVO VDS-3 |
| TTAN CARGO SAE 5W-40 | Ultra High Performance, fuel-economy engine oil, specially developed for commercial vehicle diesel engines with extended service intervals, exhaust after treatment and turbocharger. | ACEA E9/E7 API CJ-4 VOLVO VDS-4 |
| TTTAN CARGO EU6 SAE 5W-30 | Ultra High Performance, fuel-economy engine oil for use in many OEM Euro 6 engines fitted with modern exhaust after treatment devices. Excellent cold starting properties and low oil consumption. | ACEA E9/E7/E6 API CJ-4 VOLVO VDS-4 |
| TTTAN CARGO SAE 10W-30 | Ultra High Performance, fuel-economy engine oil, specially developed for commercial vehicle diesel engines with extended service intervals, exhaust after treatment and turbocharger. | ACEA E9 API CJ-4 VOLVO VDS-4 |
| 777AN CARGO SAE 15W-40 | Ultra High Performance, fuel-economy engine oil for a variety of com- mercial vehicle diesel engines. Specially developed for Volvo with exten- ded service intervals, exhaust after treatment and turbocharger. | ACEA E9 API CJ-4/CI-4 PLUS/CI-4 VOLVO VDS-4 |

| PRODUCT | CHARACTERISTICS | SPECIFICATIONS/ APPROVALS | FUCHS RECOM- MENDATIONS | |
|-------------------------------------|--|---|---------------------------------------|--|
| Automatic Transmission Fluids (ATF) | | | | |
| 7772AN ATF 5005 | Premium Performance ATF for automatic transmission in motor vehicles. Outstanding base oil quality for optimal cold temperature properties and high ageing stability. Durable friction properties for excellent wet clutch performance. Product dyeing: red. | VOITH H55.6336.xx ZF TE-ML 04D, 14B, 16L, 17C | VOLVO 97341 ZF TE-ML 02F, 11B, 14C | |
| 777AN ATF 4000 | Ultra High Performance ATF for use in auto- matic transmissions as well as other ATF applications. Licensed according to DEXRON III (H). Improved low-temperature shifting compared to DEXRON II. Product dyeing: red. | VOITH H55.6335.xx VOLVO 97341 ZF TE-ML 04D, 14A | ZF TE-ML 02F, 03D, 09, 11B, 17C | |

| PRODUCT | CHARACTERISTICS | SPECIFICATIONS/ APPROVALS | FUCHS RECOM- MENDATIONS |
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| Gear Oils | | | |
| TTTAN CYTRAC SL SAE 75W-90 | Premium Performance Gear Oil for highly- stressed hypoid axles in commercial vehicles formulated with fully-synthetic base oils. Developed for the longest oil change intervals in commercial vehicle axle drives. | API GL-5 | VOLVO 97312 ZF TE-ML 05B, 07, 08, 12B, 16F, 17B |
| THAM CYTRAC ULTRA SYNTH SAE 75W-80 | Premium Performance Gear Oil for exten- ded drain intervals in commercial vehicles, especially developed for ZF heavy duty transmissions with and without Intarder. Reduces fuel consumption by improving gearbox efficiency. Suitable for longest oil change intervals. | API GL-4 VOLVO 97307 ZF TE-ML 01E, 02E, 16P | |
| THAN CYTRAC MAN SYNTH SAE 75W-80 | Premium Performance Gear Oil for exten- ded drain intervals in commercial vehicles manual gearboxes, specially developed for manual and automatic ZF-gearboxes, for- mulated with fully-synthetic base oils. Reduces fuel consumption by improving gearbox efficiency. Suitable for the longest oil change intervals and compatible with Carbon-Syncronizers. | API GL-4 ZF TE-ML 01L, 02L, 16K | VOLVO 97307 |
| TTTAM CYTRAC LD SAE 75W-80 | Ultra High Performance Gear Oil for exten- ded oil change intervals in commercial vehi- cles fitted with integral intarders or supple- mentary retarders. | API GL-4 | VOLVO 97305 ZF TE-ML 02D, 08 |
| Antifreeze | | | |
| MAINTAIN FRICOFIN LL | Premium Performance Coolant Additive based on monoethylene glycol. Free from nitrite, amine, phosphate and silicates. Product dyeing: orange. | ASTM D 3306 TYPE I BS 6580 | VOLVO 128 6083/002 (=VOLVO TRUCKS, VOLVO CE, from MY 2005) |
| MAINTAIN FRICOFIN | Super High Performance Coolant Additive based on monoethylene glycol. Free from nitrite, amine and phosphate. Product dyeing: blue-green. | AFNOR NF R 15-601 TYPE 1 ASTM D 3306 TYPE 1 ASTM D 4985 B5 6580:1992 VOITH TURBO 172.00225010 | |
| Fuel Additives | | | |
| MAINTAIN Diesel Effect | Super High Performance Fuel Additive improving Diesel fuel properties for singular as well as con- stant treatment. | | |
| MAINTAIN Winterfit | Super High Performance Diesel Fuel and Heating Oil Additive to prevent waxing and plugging at low temperatures. | | |
| Greases | | | |
| RENOLIT LZR 000 | Semi-fluid grease for engine vehicle central lubrication systems. Gear grease for gearboxes in municipal machinery. Observe manufacturer's recommendations, -40 °C to +110 °C. | | |
| RENOLIT LX-PEP 2 | Special grease based on lithium complex soaps for long-life applications. Good corrosion protection, ther- mally and mechanically stable, specially suitable for wheel bearings of cars and trucks, -30 °C to +150 °C. | | |
| PLANTOGEL ECO 2 S | Environmentally compatible, rapidly biodegredable EP-grease based on lithium soap and synthetic esters for the lubrication of plain and roller bearings. Good pumpability in central lubrication systems, awarded with the EU-Ecolabel, tempaerature range -40 °C up to +120 °C. | | |

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