



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

| PRODUCT | CHARACTERISTICS | SPECIFICATIONS/ APPROVALS |
|---|---|---|
| Motor Oils | | |
| TITAN 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 MAN M 3477 |
| TITAN CARGO MAXX SAE 10W-40 | 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 MAN M 3271-1 MAN M 3477 |
| TITAN 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 intervals. | ACEA E7/E4 MAN M 3277 |
| TITAN 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 MAN M 3277 |
| TITAN 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 MAN M 3677 |
| TITAN CARGO PRO GAS SAE 5W-30 | Premium Performance, zinc-free, extreme fuel-economy engine oil for highly-supercharged commercial vehicle gas engines as well as Diesel engines with exhaust gas after treatment systems. Specially developed for gas powered engines with and without turbocharger. Optimum cold starting, lower oil consumption and minimized exhaust emissions. For MAN gas engines extended drain intervals are possible depending on engine type. | ACEA E6 MAN M 3477 MAN M 3271-1 MAN M 3271-3 |
| Gear Oils | | |
| TITAN 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 MAN 342 TYPE S1 |
| TITAN CYTRAC ULTRA SYNTH SAE 75W-80 | Premium Performance Gear Oil for extended 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 MAN 341 TYPE Z5 ZF TE-ML 01E, 02E, 16P |
| TITAN CYTRAC MAN SYNTH SAE 75W-80 | Premium Performance Gear Oil for extended drain intervals in commercial vehicles manual gearboxes, specially developed for manual and automatic ZF-gearboxes, formulated with fully-synthetic base oils. Reduces fuel consumption by improving gearbox efficiency. Suitable for the longest oil change intervals and compatible with Carbon-Synchronizers. | API GL-4 MAN 341 TYPE Z4 ZF TE-ML 01L, 02L, 16K |
| TITAN CYTRAC LD SAE 75W-80 | Ultra High Performance Gear Oil for extended oil change intervals in commercial vehicles fitted with integral intarders or supplementary retarders. | API GL-4 MAN 341 TYPE E3 |
| TITAN GEAR HYP LD SAE 80W-90 | Super High Performance Gear Oil specially developed for Mercedes-Benz commercial vehicles. Offering enhanced thermal stability and fuel-economy potential. | API GL-5 API MT-1 MAN 342 TYPE M3 |
| TITAN SUPERGEAR MC SAE 80W-90 | Super High Performance Gear Oil based on MC-Synthesis for extended oil change intervals. | API GL-4/GL-5 MAN 341 TYPE E2/Z2 MAN 342 TYPE M2 ZF TE-ML 02B, 05A, 12L, 12M, 16B, 17B, 19B, 21A |

| PRODUCT | CHARACTERISTICS | SPECIFICATIONS/ APPROVALS |
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| Automatic Transmission Fluid (ATF) | | |
| TITAN 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. | MAN 339 TYPE V2 MAN 339 TYPE Z2 ZF TE-ML 04D, 14B, 16L, 17C |
| TITAN ATF 4000 | Ultra High Performance ATF for use in automatic transmissions as well as other ATF applications. Licensed according to DEXRON III (H). Improved low-temperature shifting compared to DEXRON II. Product dyeing: red. | MAN 339 TYPE V1 MAN 339 TYPE Z1 ZF TE-ML 04D, 14A |
| Central Hydraulic / Power Steering Fluids | | |
| TITAN ZH 4300 B | Premium Performance Central Hydraulic Oil formulated with fully-synthetic base oils. Product dyeing: green. | MAN M 3289 |
| 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 KSM 2142 MAN 324 TYPE SNF |
| MAINTAIN FRICOFIN | Super High Performance Coolant Additive based on monoethylene glycol. Free from nitrite, amine and phosphate. Product dyeing: blue-green. | SAE J1034 ASTM D 3306 TYPE I ASTM D 4985 MAN 324 TYPE NF MAN 324 TYPE NF PRITARDER |
| Fuel Additives | | |
| MAINTAIN Diesel Effect | Super High Performance Fuel Additive improving Diesel fuel properties for singular as well as constant treatment. | |
| MAINTAIN Winterfit | Super High Performance Diesel Fuel and Heating Oil Additive to prevent waxing and plugging at low temperatures. | |
| Greases | | |
| RENOLIT MP 735 | High Performance, multipurpose EP wheel bearing grease. NLGI grade 2, 40 °C to +120 °C. | MAN 283 Li-P 2 |
| 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. | MAN 283 Li-P 00/000 |
| RENOLIT LX-PEP 2 | Special grease based on lithium complex soaps for long-life applications. Good corrosion protection, thermally and mechanically stable, specially suitable for wheel bearings of cars and trucks, -30 °C to +150 °C. | MAN 284 Li-H 2 |
| RENOLIT LX-OTP 2 | Fully synthetic special grease based on lithium complex thickener, containing solid lubricants, -40 °C to +160 °C. | MAN TUC 8080/00 |
| RENOLIT FLM 2 | Universal, High Performance grease with solid lubricant additives with excellent wear protection. For the lubrication of commercial vehicles and machinery. Proven under extreme conditions such as in construction machinery, -30 °C to +140 °C. | MAN 285 Li-PF 2 |

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