



# LUBRICANTS FOR MERCEDES-BENZ COMMERCIAL VEHICLES

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

PRODUCT	CHARACTERISTICS	SPECIFICATIONS/ APPROVALS*
<b>Motor oils</b>		
<b>TITAN CARGO MAXX</b> SAE 5W-30 	Premium MAXX performance Motor Oil with new XTL®-technology. Specially developed for vehicles with modern exhaust after treatment and turbocharger. Best cold starting properties and ageing stability for optimal fuel-economy over the whole drain-interval.	ACEA E6 MB-APPROVAL 228.51
<b>TITAN CARGO MAXX</b> SAE 10W-40 	Premium MAXX performance Motor Oil with new XTL®-technology. Specially developed for vehicles with modern exhaust after treatment and turbocharger. Very good cold starting properties and ageing stability for optimal fuel-economy over the whole drain-interval.	ACEA E9/E7/E6 API CI-4 MB-APPROVAL 228.51 MB-APPROVAL 235.28
<b>TITAN CARGO SL</b> SAE 5W-30	Ultra high-performance, extreme fuel-economy oil for a variety of commercial vehicle diesel engines, formulated with fully-synthetic base oils. Specially developed for extended service intervals. Optimum cold starting and lower oil consumption.	ACEA E7/E4 MB-APPROVAL 228.5 MB-APPROVAL 235.28
<b>TITAN CARGO MC</b> SAE 10W-40	Ultra high-performance, fuel-economy 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 MB-APPROVAL 228.5 MB-APPROVAL 235.27
<b>TITAN CARGO</b> SAE 5W-40	Ultra high-performance, fuel-economy oil, specially developed for commercial vehicle diesel engines with extended service intervals, exhaust after treatment and turbocharger.	ACEA E9/E7 API CJ-4 MB-APPROVAL 228.31
<b>TITAN CARGO PRO GAS</b> SAE 5W-30	Premium Performance, zinc-free, extreme fuel-economy 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.	ACEA E6 MB-APPROVAL 226.9 MB-APPROVAL 235.28
<b>Gear oils</b>		
<b>TITAN CYTRAC SL</b> SAE 75W-90	Premium gear oil for highly-stressed hypoid axles in commercial vehicles formulated with fully-synthetic base oils. Long lasting successful field-experience approved for applications after MB 235.8	API GL-5 SCANIA STO 1:0 ZF TE-ML 05B, 12B, 16F, 17B
<b>TITAN CYTRAC MB SYNTH</b> SAE 75W-90	Premium gear oil for extended drain intervals in commercial vehicles manual gearboxes formulated with fully-synthetic base oils.	API GL-4 MB-APPROVAL 235.11
<b>TITAN GEAR HYP LD</b> SAE 80W-90	Super High Performance axle oil specially developed for Mercedes-Benz commercial vehicles. Offering enhanced thermal stability and fuel-economy potential.	API GL-5 API MT-1 MB-APPROVAL 235.20 ZF TE-ML 05A, 12E, 16B, 17B, 19B, 21A
<b>TITAN GEAR MP</b> SAE 80	High-performance gear oil for synchronized and non-synchronized manual gearboxes as well as auxiliary drives, axles and differentials in commercial vehicles and passenger cars.	API GL-4 MB-APPROVAL 235.1 ZF TE-ML 02B, 17A
<b>TITAN GEAR HYP</b> SAE 90	Super High Performance axle oil specially developed for Mercedes-Benz commercial vehicles. Offering enhanced thermal stability and fuel-economy potential.	API GL-5 MB-APPROVAL 235.0 ZF TE-ML 05A, 16C, 17B, 19B, 21A

\*Between the consecutive editions of this brochure (03/2012) our specifications and approvals might be upgraded. You will find the current specifications/approvals in our product information sheets. While the information and figures given here are typical of current production and confirm to specification, minor variations may occur. Subject to amendment. Edition 03/2012

PRODUCT	CHARACTERISTICS	SPECIFICATIONS/ APPROVALS*
<b>Automatic transmission fluids (ATF)</b>		
<b>TITAN ATF 5005</b>	Premium 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.	MB-APPROVAL 236.6 ZF TE-ML 04D, 14B, 16L, 17C
<b>TITAN ATF 4000</b>	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.	ALLISON C-4 ALLISON TES-389 DEXRON III (H) MB-APPROVAL 236.1 ZF TE-ML 04D, 14A, 17C
<b>Power steering fluid</b>		
<b>TITAN PSF</b>	Super High Performance power steering fluid approved by Mercedes-Benz for passenger cars and commercial vehicles.	MB-APPROVAL 236.3
<b>Central hydraulic fluid</b>		
<b>TITAN ZH 4300 B</b>	Premium Performance Central Hydraulic Oil based on Modern Synthetic Technology.	MAN M 3289
<b>Antifreeze</b>		
<b>MAINTAIN FRICOFIN LL</b>	Premium coolant additive based on monoethylene glycol. Free from nitrite, amine, phosphate and silicates.	ASTM D 3306, D 4985 BS 6580 MB-APPROVAL 325.3
<b>MAINTAIN FRICOFIN</b>	Super High Performance Additive based on monoethylene glycol. Free from nitrite, amine and phosphate.	ASTM D 3306-05 ASTM D 4985 AFNOR NF R 15-601 BS 6580:1982 SAE J1034 MB-APPROVAL 325.0
<b>Fuel additive</b>		
<b>MAINTAIN Diesel Effect</b>	Super High Performance fuel additive concentrate improving diesel fuel properties for singular as well as constant treatment.	
<b>MAINTAIN Winterfit</b>	Super High Performance diesel fuel and heating oil additive to prevent waxing and plugging at low temperatures.	

PRODUCT	CHARACTERISTICS	FUCHS RECOMMENDATIONS
<b>Greases</b>		
<b>RENOLIT MP 150</b>	NLGI Grade 2 wheel bearing grease for front and rear axles.	MB-APPROVAL 267.1
<b>RENOLIT MP</b>	Standard, multipurpose EP grease. Suitable for low temperatures, -40°C up to +120°C.	MB-APPROVAL 267.0
<b>RENOLIT LZR 000</b>	Semi-fluid grease for central lubrication systems of Willy Vogel AG, Berlin.	MB-APPROVAL 264.0
<b>RENOLIT LX-PEP 2</b>	Special grease based on lithium complex soap for long-term lubrication, specially suitable for truck wheel bearings, -30°C up to +150°C.	MB-APPROVAL 265.1

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