## LUBRICANTS FOR MERCEDES-BENZ PASSENGER CARS





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	Description	Specifications	Approvals	FUCHS Recommendations
	Engine Oils			
GT1 PRO FLEX SAE 5W-30	Premium Performance, extreme fuel-economy engine oil with new XTL®-Technology for optimum cold start ability and outstanding performance reserves. For modern passenger cars and light commercial vehicles with or without extended service intervals. Specially developed for BMW, Mercedes-Benz and Opel vehicles with exhaust after treatment and turbocharger.	ACEA C3 API SN/SM	MB-APPROVAL 229.51 MB-APPROVAL 229.52	-
GT1 PRO 229.6 SAE 5W-30	Premium Performance, extreme fuel-economy engine oil with new XTL®-Technology. Specially designed for Mercedes-Gasoline-Vehicles. Optimum cold starting, lower oil consumption and minimized exhaust emissions.	ACEA A5/B5	MB-APPROVAL 229.6	-
TITAN GT1 PRO C-4 SAE 5W-30	Premium Performance, extreme fuel-economy engine oil for modern passenger cars and light commercial vehicles with or without extended service intervals. Specially for Renault engines with exhaust after treatment and turbocharger. Optimum cold starting, lower oil consumption and minimized exhaust emissions.	ACEA C4	MB-APPROVAL 226.51	-
GT1 SAE 5W-40 XTL® TECHNOLOGY	Premium Performance, fuel-economy engine oil with new XTL®-Technology for optimum cold start ability and outstanding performance reserves. For modern passenger cars and light commercial vehicles with or without extended service intervals. Specially developed for vehicles with exhaust after treatment and turbocharger.	ACEA C3 API SN/SM	MB-APPROVAL 226.5 MB-APPROVAL 229.31	_
TITAN Supersyn LONGLIFE SAE 0W-40	Ultra High Performance, fuel-economy engine oil for a variety of vehicles with or without extended service intervals. Excellent cold starting and lower oil consumption.	ACEA A3/B4 API SN	MB-APPROVAL 229.5	-
TITAN SYN MC SAE 10W-40	Super High Performance, fuel-economy engine oil based on MC-synthesis for a variety of gasoline and diesel engines in passenger cars. Lower oil consumption.	ACEA A3/B4 API SN	MB-APPROVAL 229.1 MB-APPROVAL 229.3	-
	Gear Oils			
TITAN SINTOPOID FE SAE 75W-85	Premium Performance fuel-economy passenger car axle fluid offering increased gearbox efficiency in passenger cars due to low viscosity level. Reduces fuel consumption and offers best properties at low temperature. Suitable as fill for life fluid according to manufacturer.	API GL-5	MB-APPROVAL 235.7 MB-APPROVAL 235.74 MB-APPROVAL 239.71 MB-APPROVAL 239.72	-
<b>TIEAN</b> GEAR HYP SAE 90	High Performance Gear Oil for highly-stressed differentials in commercial vehicles and passenger cars.	API GL-5	MB-APPROVAL 235.0	-
	Automatic Transmission Fl	uids (ATF)		
<b>TTPAN</b> ATF 7134 FE	Premium Performance ATF with reduced viscosity, especially developed to further optimize fuel-economy and gearbox efficiency of latest generation Mercedes-Benz 7-speed automatic transmissions. Not downwards compatible with previous MB-ATF-Specifications. Product dyeing: blue.	-	MB-APPROVAL 236.15	-
<b>TITAN</b> 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.	-	MB-APPROVAL 236.6	-

Product	Description	Specifications	Approvals	FUCHS Recommendations
	Automatic Transmission Fl	uids (ATF)		
ATF 1	Ultra High Performance ATF especially developed for highly stressed step automatic transmissions in passenger cars as well as in commercial vehicles. Product dyeing: none.	-	-	MB 236.11
TTTAN ATF 4134	Ultra High Performance ATF, specially developed to optimise shifting performance of Mercedes automatic transmis-sions. Product dyeing: red.	-	MB-APPROVAL 236.14	-
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.	-	MB-APPROVAL 236.1 MB-APPROVAL 236.9	-
ATF CVT	Ultra High Performance ATF specially designed for use in many CVT-gearboxes using push-belts or transmission chains made of steel. Product dyeing: none.	-	MB-APPROVAL 236.20	-
TIEAN ATF 3353	Ultra High Performance DEXRON III-generation-ATF for automatic transmissions as well as any other ATF-app-lications. Developed for the MB automatic transmissions and transfer cases according manufacturer. Offers fuel-efficiency potential. Product dyeing: red.	-	MB-APPROVAL 236.12	-
	Double Clutch Transmission F	Fluids (DCTF)		
PENTOSIN FFL-3	Premium Performance DCTF. Specially developed for ZF/Porsche Double Clutch Transmission with wet clutch. Provides optimum wear protection and excellent friction properties even under hard conditions and offers best shifting performance over the whole lifetime.	-	MB-APPROVAL 236.24	-
PENTOSIN FFL-10	Premium Performance DCTF. Specially developed for Mercedes- Benz-9-speed Double Clutch Transmissions with wet clutch. Provides optimum wear protection and excellent friction properties over the whole lifetime and offers best shifting performance even under hard conditions.	-	MB-APPROVAL 236.22	-
	Central Hydraulic / Power Ste	eering Fluids		
PENTOSIN CHF 11S	Premium Performance Power Steering and Central Hydraulic Fluid with a wide application and approval profile for various manufacturers. Product dyeing: green.	-	MB-APPROVAL 345.0	-
PENTOSIN CHF 5364 B	Premium Performance Central Hydraulic Fluid approved by Mercedes-Benz for level control systems in passenger cars formulated with fully-synthetic base oils. Product dyeing: none.	-	MB-APPROVAL 344.0	-
PENTOSIN PSF	Super High Performance Power Steering Fluid approved by Mercedes-Benz for passenger cars and commercial vehicles. Product dyeing: none.	-	MB-APPROVAL 236.3	-
	Antifreezes			
MAINTAIN FRICOFIN DP	Ultra High Performance Coolant Additive based on monoethylene glycol. Free from nitrite, amine and phosphate. Product dyeing: pink-violet.	-	MB-APPROVAL 325.5 MB-APPROVAL 325.6	-
MAINTAIN FRICOFIN LL	Premium Performance Coolant Additive based on monoethylene glycol. Free from nitrite, amine, phosphate and silicates. Product dyeing: orange.	-	MB-APPROVAL 325.3	-
MAINTAIN FRICOFIN	Super High Performance Coolant Additive based on monoethylene glycol. Free from nitrite, amine and phosphate. Product dyeing: blue-green.	-	MB-APPROVAL 325.0	-

The information contained in this product information is based on the experience and know-how of FUCHS SCHMIERSTOFFE GMBH in the development and manufacturing of lubricants and represents the current state-of-the-art. The performance of our products can be influenced by a series of factors, especially the specific use, the method of application, the operational environment, component pre-treatment, possible external contamination, etc. For this reason, universally-valid statements about the function of our products are not possible. Our products must not be used in aircrafts/spacecrafts or their components, unless such products are removed before the components are assembled into the aircraft/spacecraft. The information given in this product information represents general, non-binding guide-lines. No warranty expressed or implied is given concerning the properties of the product or its suitability for any given application. We therefore recommend that you consult a FUCHS SCHMIERSTOFFE GMBH application engineer to discuss application conditions and the performance criteria of the products before the product is used. It is the responsibility of the user to test the functional suitability of the product and to use it with the corresponding care. Our products undergo continuous improvement. We therefore retain the right to change our product program, the products, and their manufacturing processes as well as all details of our product information sheets at any time and without warning, unless otherwise provided in customer-specific agreements. With the publication of this product information sease to be valid. Any form of reproduction requires express prior written permission from FUCHS SCHMIERSTOFFE GMBH. All rights reserved. Edition 01/2018

## **FUCHS SCHMIERSTOFFE GMBH**

Export Division • Friesenheimer Straße 19 • 68169 Mannheim/Germany

Phone: +49 621 3701-1703 • Fax: +49 621 3701-7719

E-Mail: export@fuchs-schmierstoffe.de • www.fuchs.com/de/en