

AUTOMOTIVE LUBRICANTS

MERCEDES-BENZ (MB) PASSENGER CAR MOTOR OIL SPECIFICATION OVERVIEW



Mercedes-Benz (MB) is one of the best-known and established automotive brands in the world, and is also one of the world's oldest automotive brand still in existence today in 2015. MB is also an engine manufacturer, both gasoline and diesel engines with the latest technology delivering performance, durability and environment protection. To achieve this, MB is developing motor oil specifications

for passenger cars referring to the highest standards in terms of quality, engine protection, performance, fuel economy and environmental issues. Total has developed over the years an entire range of lubricants, under TOTAL and ELF brands, approved by MB. Hereunder an overview of MB specifications and TOTAL / ELF lubricants approved:

FIRST ISSUE


LAUNCH OF THE NORDIC TECHNICAL NEWSLETTER

TOTAL Nordic launches its Automotive Technical Newsletter aiming at sharing updated product news, market trends and technical evolution in the lubricants industry.

MB – main lubricants for passenger car specification	Gasoline & Diesel engines without DPF* Normal SAPS**	Diesel engines with DPF* (also suitable for some gasoline engine and diesel without DPF*) Low SAPS**
Extra long drain interval (25 000 to 50 000 km / 3 years)	MB 229.5 (2001)	
Standard / Long drain interval (15 000 to 30 000 km / 2 years)	MB 229.3 (1999) – long drain MB 229.1 (1997) – standard drain	MB 229.52 (2013) – long drain – Fuel Economy MB 229.51 (2005) – long drain – Fuel Economy MB 229.31 (2003) – long drain

*DPF: Diesel Particulate Filter / **SAPS: Sulfated Ash, Phosphorus and Sulfur

For specific Gasoline and Diesel engines, MB 226.5 and MB 226.51 are applicable. You will find on the link below access to official MB specification page: http://bevo.mercedes-benz.com/downloadf.php?filename=en/Spec_223_2.pdf

APPROVED TOTAL/ELF PRODUCT	MB specification							
	226.5	226.51	229.1	229.3	229.5	229.31	229.51	229.52
 Quartz 7000 10W-40			●					
Quartz 9000 5W-40	PENDING			●				
Quartz 9000 Energy 0W-30				●	●			
Quartz Ineo Efficiency 0W-30						●	●	
Quartz Ineo Long Life 5W-30						●	●	
Quartz Ineo MC3 5W-30						●	●	●
Quartz Ineo MC3 5W-40						●	●	
Quartz Ineo MDC 5W-30						●	●	●
Evolution 700 STI 10W-40			●					
Evolution 900 FT 0W-30				●	●			
Evolution 900 NF 5W-40				●				
Evolution 900 SXR 5W-40	●							
Evolution Full Tech FE 5W-30		●						
Evolution Full Tech LLX 5W-30						●	●	
Evolution Full Tech MSX 5W-30						●	●	●

- Approved product, on the official MB list
- Backward official applicability (approval existing on a higher specification, validity for lower specification)

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