



Automotive Gear Oil

Technical Data Sheet



LOCOMOTIVE POWER GEAR OIL MB 75W-90

PRODUCT DESCRIPTION:

LOCOMOTIVE MB 75W-90 is a high-performance, fully synthetic gear oil formulated with cutting-edge additive technology. It offers exceptional oxidation and shear stability, excellent temperature-viscosity characteristics, and outstanding wear and corrosion protection. It ensures long-lasting and reliable performance, while its low viscosity supports enhanced fuel efficiency. Moreover, LOCOMOTIVE MB 75W-90 meets the stringent requirements of MB 235.11, ensuring compliance with Mercedes-Benz's demanding specifications.

APPLICATION:

LOCOMOTIVE MB 75W-90 is specifically designed for use in highly loaded manual transmissions in commercial vehicles. It delivers excellent performance and durability under demanding conditions, making it suitable for extended service intervals. This high-quality synthetic gear oil meets the requirements of MB 235.11, ensuring compatibility with transmissions requiring this specification.

FEATURES & BENEFITS:

- Reduced cold viscosity for excellent fuel efficiency.
- Economy grade for modern passenger car manual gearboxes according to the manufacturer's specification.
- Very good protection against wear and corrosion.
- High temperature and oxidation stability due to fully synthetic base oils and special additives.
- Extremely stable to shear stress - 'Stay-in-grade.'
- Stable lubricating film, even with very hot oil and under very high loads. As a result, reduced wear and lower gearbox noise.
- Excellent cold viscosity ensures improved shifting ability, fast lubrication and low 'cold wear.'

PERFORMANCE LEVELS: Meets and Exceeds:

- API GL-4/5, MT-1
- DTFR 13B110 (MB 235.11)
- MAN 341 TYPE MB
- SAE J2360
- ZF TE-ML 08

TYPICAL PROPERTIES:

PARAMETERS	ASTM	UNIT	RESULT
Grade			75W-90
Kinematic Viscosity@ 104°F /40°C	ASTM D7042	cSt	96
Kinematic Viscosity@ 212°F /100°C	ASTM D7042	cSt	14.5
Viscosity Index	ASTM D2270	-	160
SP. Gravity @15°C/60°F	ASTM D4052	g/cm ³	0.850
Flash Point	ASTM D92	°C	218
Pour Point	ASTM D97	°C	-45

HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil into drains or the environment. Dispose to an authorized used oil collection point. For further information on safety guidelines please refer to MSDS available on our website www.locomotive.co.il