



Automotive Gear Oil

Technical Data Sheet



LOCOMOTIVE POWER GEAR OIL 75W-90 GL-5

PRODUCT DESCRIPTION:

LOCOMOTIVE 75W-90 GL-5 is a premium performance transmission fluid, developed for heavy duty vehicles and passenger cars. It can be used for final drives, differentials, rear axles and transfer boxes meeting the API GL-5 specification.

APPLICATION:

LOCOMOTIVE 75W-90 GL-5 is developed for heavy duty vehicles and passenger cars. It can be used for final drives, differentials, rear axles and transfer boxes, meeting the API GL-5 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-5
- ZF TE-ML 05A, 16B, 17B, 19B
- MIL-L-2105D

TYPICAL PROPERTIES:

PARAMETERS	ASTM	UNIT	RESULT
Grade			75W-90
Kinematic Viscosity@ 104°F /40°C	ASTM D7042	cSt	106.0
Kinematic Viscosity@ 212°F /100°C	ASTM D7042	cSt	15.6
Viscosity Index	ASTM D2270	-	157
SP. Gravity @15°C/60°F	ASTM D4052	g/cm ³	0.874
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