



Automotive Gear Oil

Technical Data Sheet



LOCOMOTIVE POWER LSD GEAR OIL 75W-90 GL-5

PRODUCT DESCRIPTION:

LOCOMOTIVE LSD 75W-90 GL-5 is a Fully Synthetic high-performance automotive gear lubricant specially developed for use in modern high-performance passenger cars, sports utility vehicles, vans and light duty trucks with limited slip differentials. It is manufactured from premium quality base oils and advanced performance additives to provide exceptional protection against thermal degradation, component wear and oil seal deterioration for extended service life. The special friction modifier used in this oil helps eliminate chatter and improves traction besides retaining the frictional properties for longer service life. It also offers effective protection against oxidation degradation and rust & corrosion.

APPLICATION:

LOCOMOTIVE LSD 75W-90 GL-5 is recommended for Limited Slip differentials of modern high-performance passenger cars, sports utility vehicles, vans and light duty trucks requiring API GL-5/MT-1 quality oils. It is miscible and compatible with conventional branded gear oils. However, intermixtures with other gear oils should be avoided in order to fully utilise the product's benefits.

FEATURES & BENEFITS:

- Very good wear protection, even under severe conditions, prolongs component life.
- Optimized and stable friction characteristics for effective operation of limited slip differentials throughout the drain interval.
- Effective rust and corrosion protection.
- Good anti-foam properties for effective lubrication.

PERFORMANCE LEVELS: Meets and Exceeds:

- API GL-5/ MT-1
- ZF TE-ML 05A, 7A, 12E, 16B, C & D, 17B, 19B, 21A
- MIL PRF-2105E
- SAE J2360
- MAN 342 M2
- SCANIA STO 1:0
- MB 235.8
- VOLVO 97312

TYPICAL PROPERTIES:

PARAMETERS	ASTM	UNIT	RESULT
Grade			LSD 75W-90
Kinematic Viscosity@ 104°F /40°C	ASTM D7042	cSt	95.62
Kinematic Viscosity@ 212°F /100°C	ASTM D7042	cSt	14.8
Viscosity Index	ASTM D2270	-	162
SP. Gravity @15°C/60°F	ASTM D4052	g/cm ³	0.870
Flash Point	ASTM D92	°C	216
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