



LOCOMOTIVE POWER API GL-4

SEMI SYNTHETIC

PRODUCT DESCRIPTION:

LOCOMOTIVE POWER GL-4 is a semi synthetic blend fluid with effective additives for manual transmissions. A high load-carrying capacity guarantees an optimum gearbox lubrication even at high temperatures. This gear oil contains only high-quality paraffinic lubricating oils and the most technologically advanced additive system, which includes extreme pressure, anti-wear, anti-friction agents and oxidation and corrosion inhibitors.

APPLICATION:

Suitable for manual transmissions and transaxles of passenger cars, vans, trucks, and buses when the manufacturer recommends a GL-4 transmission oil.

FEATURES & BENEFITS:

- Good thermal stability protects against deposit formation and oil thickening maintaining the life and performance of lubricant and transmission
- Good antiwear and load carrying characteristics extend the life of components
- Improved low temperature protection and gear shifts compared to monograde products

PERFORMANCE LEVELS: (Meets & Exceeds)

- API: GL-4
- ZF TE-ML 08
- MAN 341
- MB 235.10
- Massey Ferguson M1110

TYPICAL PROPERTIES:

PARAMETERS	TEST METHOD	UNIT	LOCOMOTIVE POWER GL-4	
SAE Grade			80W-90	80W-140
Kinematic Viscosity @ 104°F /40°C	ASTM D-7042	cSt	130	230
Kinematic Viscosity @ 212°F /100°C	ASTM D-7042	cSt	15.5	26.5
Viscosity Index (min)	ASTM D-2270	-	124	148
SP. Gravity @15°C/ 60°F	ASTM D-4052	g/cm ³	0.880	0.880
Flash Point (min)	ASTM D-92	°C	210	210
Pour Point (max)	ASTM D-97	°C	-33	-33
Brookfield Viscosity @ -26 °C	ASTM D-5293	mPa.s	<150,000	<150,000

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 Locomotive.com