

PRODUCT DATA SHEET

GEARBOX OIL MB 1

Petromin Gearbox Oil MB 1 is high-quality gear lubricants blended from solvent-refined mineral base oils and selected chemical additives. Due to their high shear stability, they provide excellent protection for gears and can be used over a wide range of temperatures. They also provide protection against foaming of oil, wear and rusting of gears.

BENEFITS

- Formulated for automotive high-speed gears.
- Excellent lubrication without channeling at low temperatures.
- Suitable for heavy-duty service in truck and bus gears operating at high temperatures.
- Provide good protection against corrosion.

PERFORMANCE LEVEL

Petromin GEARBOX OIL MB 1 has the following Builder Approvals:

- MB 235.1

Petromin GEARBOX OIL MB 1 meets or exceeds the requirements of:

- API GL-4
- MAN 341 Type Z1 (Formerly MAN 341 Type N)
- ZF TE-ML 02A/ TE-ML 17A

APPLICATIONS

Recommended for the type of service characteristics of gears, particularly hypoid, in passenger cars and other automotive-type equipment operated under high-speed/low torque and low-speed/high-torque conditions.

PRODUCT CHARACTERISTICS*

PROPERTIES	UNITS	VALUE	TEST METHOD
SAE Grade	-	80W	-
Specific Gravity @ 15 °C	-	0.890	ASTM D-4052
Viscosity @ 40 °C	mm ² /s	76.65	ASTM D-445
Viscosity @ 100 °C	mm ² /s	9.63	ASTM D-445
Viscosity Index	-	103	ASTM D-2270
Flash Point, COC	°C	242	ASTM D-92
Pour Point	°C	-24	ASTM D-97
Brook Field Viscosity @ -12°C	cP	118000	ASTM-2983
Color	-	1.5	ASTM D-1500

*The information and figures given here are typical of current production and conform to specification, minor variations may occur.

