



ALPINE GEAR OIL

SAE 80W/90

High-pressure gear oil for cable car, hypoid and final drives. API GL-5.

Description

MOTOREX ALPINE GEAR OIL SAE 80W/90 is a mineral-oil-based EP gear oil and contains a very high proportion of effective high-pressure additives. The formulation guarantees a reliable, unbroken lubricating film which provides tooth flanks with optimum protection against wear and pitting when rolling and sliding.

Advantages

- Optimum wear protection
- Excellent anti-foaming behaviour
- Good resistance to ageing
- Excellent viscosity temperature characteristics
- Good water separation capabilities

Field of application

MOTOREX ALPINE GEAR OIL SAE 80W/90 is a high-pressure gear oil developed for the high demands of gears for cable cars manufactured by companies such as Doppelmayr, Eisenbeiss, Kissling, and Lohmann. It is also suitable for use in hypoid gears and final gears.

Please note the manufacturer's specifications.

Specifications

API GL-5
 Doppelmayr PS OEL 001, Bosch Rexroth BDA 16634596 00
 Safety + Performance:
 MB 235.0, MAN 342 M1
 ZF TE-ML 07A, 08, 16B, 17B, 19B

Technical data

Properties	Unit	Test according to	Values
Viscosity class		SAE J 306	80W/90
Colour		DIN ISO 2049	Dark yellow
Density at 20 °C	(g/ml)	ASTM D 4052	0.885
Viscosity at 40 °C	(mm ² /s)	DIN 51562-1	146
Viscosity at 100 °C	(mm ² /s)	DIN 51562-1	15.6
Viscosity index		DIN ISO 2909	110
Brookfield -26°C	(mPa.s)	ASTM D 2983	112000
Pourpoint	(°C)	ASTM D 5950	-30
Flash point	(°C)	DIN EN ISO 2592	> 200

Water hazard class: WGK 2
 Disposal code: EWC 130205

The above information is subject to change without prior notice, although it is in accordance with current standards. Performance characteristics indicated are based on usual tolerances which occur during measuring and production using the latest technology. A safety data sheet is available for the product described.

