

GEAR OIL EP

SAE 80W, 80W/90

High-pressure transmission oils. API GL-4.

Description

MOTOREX GEAR OIL EP SAE 80W and SAE 80W/90 are high-pressure mineral-oil-based transmission oils. The combination of specially selected base oils and balanced additives guarantee a long service life, even under severe gear-shifting conditions. High-pressure additives provide reliable lubrication over a wide temperature range. Fast synchronisation with minimal wear and a smooth gear-changing action are features of these high-pressure gear oils.

Advantages

- Smooth gear shifting
- Excellent wear protection
- High shear stability
- Good ageing and oxidation stability
- Low pour point

Field of application

MOTOREX GEAR OIL EP is a typical oil for use in gearboxes of road-going vehicles, construction machines and agricultural vehicles.

Please take note of the manufacturers' instructions.

Specifications

SAE 80W

API GL-4
MB Approval 235.1, MAN 341 Z2, E1
ZF TE-ML 02B, 08, 17A

SAE 80W/90

API GL-4
ZF TE-ML 02B, 08, 16A, 17A, 19A
Safety + Performance:
MB 235.1, MAN 341 Z2, E1

Technical data

| Properties | Unit | Test according to | Values1 | Values2 |
|----------------------|--------------------|-------------------|------------|---------------|
| Viscosity class | | SAE J 306 | 80W | 80W/90 |
| Colour | | DIN ISO 2049 | brown | brown |
| Density at 20 °C | g/ml | ASTM D 4052 | 0.879 | 0.885 |
| Viscosity at 40 °C | mm ² /s | DIN 51562-1 | 69 | 123 |
| Viscosity at 100 °C | mm ² /s | DIN 51562-1 | 9.2 | 14.1 |
| Brookfield at -26 °C | mPa·s | ASTM D 2983 | 24'500 | 128'000 |
| Viscosity index | | DIN ISO 2909 | 108 | 114 |
| Pourpoint | °C | ASTM D 5950 | -30 | -27 |
| Flash point | °C | DIN EN ISO 2592 | > 220 | > 220 |

Water hazard class: WGK 1

Disposal code: EWC 130 205

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.