GEAR OILS

Gear EP 80W-90

Multipurpose EP gear oil

SAE 80W-90 | API GL-5

PRODUCT DESCRIPTION

Gear EP 80W-90 is an extreme-pressure mineral gear oil suitable for differentials, hypoid axles and heavy-duty manual transmissions.

APPLICATIONS

- Differentials
- Manual Gearboxes
- Hypoid Axles
- Commercial Vehicles

SPECIFICATIONS

- API GL-5

PACK SIZES

1L | 2.5L | 5L | 7L | 10L | 20L | 50L | 210L

FEATURES & BENEFITS

- Sulphur-phosphorus EP chemistry handles shock loads in hypoid axles.
- Multi-grade 80W-90 performs across a wide temperature range.
- Protects against rust, corrosion and foaming.
- Suitable for differentials, axles and heavy-duty manual gearboxes.

TYPICAL PROPERTIES

Property	Test Method	Unit	Typical Value
SAE Viscosity Grade	SAE J306	—	80W-90
Density @ 15 °C	ASTM D4052	g/cm³	0.895
Kinematic Viscosity @ 40 °C	ASTM D445	cSt	142
Kinematic Viscosity @ 100 °C	ASTM D445	cSt	14.8
Viscosity Index	ASTM D2270	—	102
Flash Point (COC)	ASTM D92	°C	212
Pour Point	ASTM D97	°C	-24
Copper Strip Corrosion (3 h @ 121 °C)	ASTM D130	Rating	1b

RECOMMENDATIONS

- Use the viscosity grade and API GL level recommended in the vehicle or equipment manual.
- Drain completely and flush if changing from a different gear oil type.
- Check the level at every service and top up with the same grade.

HEALTH, SAFETY & STORAGE

Store sealed in a cool, dry, covered place away from sunlight and ignition sources. Avoid prolonged skin contact. Dispose of used product and containers only through an authorised collector — never into drains or soil. See the MSDS for full health and safety information.

The typical values above are obtained under normal production conditions and do not constitute a specification. Minor variations that do not affect product performance are to be expected. Motoforce Lubricants reserves the right to modify products and this information without notice. For the latest version, visit motoforcelub.com or contact us.