GEAR OILS

Gear Synth 75W-90

Synthetic gear oil for hypoid axles

SAE 75W-90 | API GL-5

PRODUCT DESCRIPTION

Gear Synth 75W-90 GL-5 is a synthetic gear oil providing extreme-pressure protection, low-temperature fluidity and extended drain intervals for hypoid axles and high-performance manual transmissions.

APPLICATIONS

- Hypoid Differentials
- Manual Transmissions
- Performance Vehicles

SPECIFICATIONS

- API GL-5

PACK SIZES

1L | 2.5L

FEATURES & BENEFITS

- Synthetic base stocks give excellent low-temperature fluidity for smoother shifts.
- Extreme-pressure additives protect hypoid gears against scoring and pitting.
- High thermal and oxidation stability allows extended drain intervals.
- Reduced churning losses can help fuel efficiency.

TYPICAL PROPERTIES

Property	Test Method	Unit	Typical Value
SAE Viscosity Grade	SAE J306	—	**75W-90**
Density @ 15 °C	ASTM D4052	g/cm³	**0.870**
Kinematic Viscosity @ 40 °C	ASTM D445	cSt	**102**
Kinematic Viscosity @ 100 °C	ASTM D445	cSt	**15.2**
Viscosity Index	ASTM D2270	—	**155**
Flash Point (COC)	ASTM D92	°C	**210**
Pour Point	ASTM D97	°C	**-42**
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.
- Check the manual: some synchromesh gearboxes require GL-4 rather than GL-5.

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.