

MAXIGEAR 80W90 EP (GL4)

DESCRIPTION:

Lubricant oil grade SAE 80W90 for gears and gearboxes in which a quality level API GL-4 is required. Formulated with mineral base oils with a high grade of refining and latest generation additives.

PROPERTIES & ADVANTAGES:

- ✓ Good capacity for withstanding medium-high loads, greatly reducing friction losses.
- ✓ Excellent resistance to thermal degradation, affording protection from oil thickening, thereby lengthening the working life of oil and transmission.
- ✓ Low deposit formation, keeping the gears in an optimum state of cleanliness.
- ✓ High lubricity, wear and tear protection and corrosion-proofing.
- ✓ Good fluidity at low temperatures.
- ✓ Compatible with the joints and elastomers usually deployed.

APPLICATIONS:

- ✓ Especially designed for lubricating manual gearboxes, differentials, final drives and gears in closed crankcase, straight, helicoidal or Gleason shape, as well as a worm and wheel set.
- ✓ Transmissions in light, medium and Public Works' vehicles.
- ✓ Gears subjected to high torques or high rotation speeds.
- ✓ Reducers subjected to medium-high loads.

SPECIFICATIONS:

API GL-4	ZF TE ML 02 A / 08 / 16A / 17A / 19A
MAN 341 Z-1 / Z-2	MIL-L-2105
MAN 341 E2	

TECHNICAL DATA:

PHYSICOCHEMICAL CHARACTERISTICS	STANDARD	VALUE
SAE GRADE	SAE J306	80W90
Kinematic viscosity at 100 °C (cSt)	D-445	13.5 - 18.5
Viscosity at -26 °C, Max (cP)	ASTM D-2983	150,000
Pour point (°C)	ASTM D-97	< -30
Flashpoint (°C)	ASTM D-92	> 220
4-ball EP test, Weld load (kg)	ASTM D-2596	250
4-ball Wear test, 20 kg/1800rpm/ 55°C/1h, scar (mm)	ASTM D-2266	< 0.35

PACKAGING:

1L & 5L bottles, 20L jerrycan, 200L drum and 1000L IBC container.