

## MAXIGEAR 90 EP

### DESCRIPTION:

SAE 90 lubricant oil for gears and gearboxes, where an API GL-4 level of quality is required. Formulated with high-grade refined mineral bases and latest generation additives.

### PROPERTIES & ADVANTAGES:

- ✓ Good capability to bear medium-high loads, considerably reducing losses to friction.
- ✓ Excellent resistance to thermal degradation, offering protection against oil thickening, thus lengthening the useful life of the oil and the transmission.
- ✓ Reduced formation of deposits, keeping the gears in an optimal state of cleanliness.
- ✓ High lubricity, anti-wear and anti-corrosion protection.
- ✓ Excellent anti-foaming properties
- ✓ Compatible with commonly-used joints and elastomers.

### APPLICATIONS:

- ✓ Especially designed to lubricate manual gearboxes, differentials and final drives. Also straight-cut, helical or Gleason gears, as well as worm and wheel sets, in closed crankcase.
- ✓ Transmissions in industrial vehicles and Heavy Equipment.
- ✓ Gearing subjected to high torque or high rotational speeds.
- ✓ Reducers subjected to medium-high loads.

### SPECIFICATIONS:

API GL-4	DIN 51517 Part 3 (CLP)
US STEEL 224	ZF TE ML 02B / 16A / 17A / 19A
MIL-L-2105	

### TECHNICAL DATA:

PHYSICOCHEMICAL CHARACTERISTICS	STANDARD	VALUE
SAE grade	SAE J306	90
Cinematic viscosity at 100°C (cSt)	ASTM D-445	13.5 - 18.5
Pour point (°C)	ASTM D-97	< -15
Flash point (°C)	ASTM D-92	> 240
4-Ball EP test, welding (kg)	ASTM D-2596	250
4-Ball Wear Test (40 kg / 1770 rpm, 75 °C / 1 h), Scar Diameter (mm)	ASTM D-2266	< 0.40

### PACKAGING:

20L jerrycan, 200L drum and 1000L IBC container.