



# MANUFACTURERS TECHNICAL DATA SHEET

## KLENZ EP80W-90 Gear Oil

### Description

**Klenz™ Pure Protection™ EP80W-90 gear oil** is a high performance, multipurpose, thermally stable, Extreme Pressure automotive gear lubricant formulated with “clean gear” technology for applications where API GL-4 performance is required. With friction modifiers, oxidation / corrosion inhibitors as well as foam inhibitors, Klenz EP80W-90 gear oil can be used in many severe gear lubrication applications.

### Application

- Suitable for automotive differentials and gear cases operating under severe service conditions.
- Particularly recommended for off-highway and heavy duty trucking fleets.
- Industrial enclosed, non-worm type gears operating under severe conditions where good demulsibility properties are not required.
- Drive and reduction gearboxes on mills, mixers, crushers, extruders, kilns, stenters, pumps and hoists.

### Advantages / Benefits

- Long life performance and stable at high temperatures.
- Film strength greatly enhances wear and shock-load protection.
- Resists rusting and oxidation
- Is non-aggressive to seals, even at temperatures as high as 160°C, thereby minimizing oil leakage and seal replacement costs.
- Excellent load carrying capabilities prolong gear life by ensuring that gears operating under harsh loads are protected.

### Performance Standards

Klenz 80W-90 Gear oil meets or exceeds API GL-4.

### Typical Characteristics

#### **Klenz® Pure Protection® EP80W-90 Gear Oil**

Product Code	KL80W-90
Base Oil	Group II
Colour	Amber
Appearance	Clear and Bright
Density @ 15°C	Approx.0.880 kg/l
Viscosity @ 40°C	130 cSt
Viscosity @ 100°C	14.2 cSt
Viscosity Index	110
Pour Point °C	-20°C

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