

# GEAR OIL SAE 80W-90 GL-5

## EXTREME PRESSURE HEAVY DUTY GEAR OIL

**Pennarol Extreme Pressure 80W-90 GL-5** oil meets the requirements of **API GL-5 and MT-1**. Formulated for use in limited slip (or spin resistant) rear axles, differentials, gear boxes and steering gears requiring a hypoid or extreme pressure lubricant. **Pennarol Extreme Pressure 80W-90 GL-5** is formulated utilising an exclusive blend of high viscosity, shear stable selects base oils and high-performance additives.

### Performance Features

- Excellent high temperature stability to withstand extreme operating temperatures.
- Excellent low temperature fluidity.
- Fortified using extreme pressure additive technology to provide increased protection by reducing wear between gear teeth during high load and shock loading operating conditions.
- Contains special anti-wear, Extreme Pressure and Lubricity Additives.
- Controls heat from frictional and load forces

### Applications

- Passenger cars, high performance race cars, light commercials, 4WDs, light commercial vehicles, SUV and on- and off- highway truck and construction equipment.
- Axles, final drives and conventional differentials where **API GL-5** is recommended. Hypoid gears that experience high load and shock loading where lubricant film strength is crucial, such as in most rear-wheel drive vehicles.
- Gears that experience high speed and/or low speed and high torque conditions.
- Final drives used in heavy trucks, construction and farm equipment that require speed reduction and torque increase for heavy duty application.

### Special benefits

- Better protection against wear that extend gear and bearing life.
- Better oxidation control that helps prevent oil thickening and helps preserve oil life.
- Exceptional sludge control that helps maintain crown and pinion cleanliness.
- Excellent high temperature deposit control that prevents varnish.



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(continued)

- Provides lower co-efficient of friction to improve power and fuel consumption.
- **Compatible** with **limited slip** differential (LSD) requirements.

### Specifications

- API Service Classification: GL5, MT-1
- SAE: 80W/90
- SAE J2360

### Manufacturer Specifications

- MIL-L-PRF-2105E
- TE-ML 05B/12B/16F/17B/19C/21B
- Mack GO-J PLUS
- MB-Approval 235.8
- MAN 342 Type M2
- Voith Turbo 3.325-340 / 3.325-342
- Flender BA 7302 Table R1
- Ford M2C-108A, M2C-105A
- BTR 5M-36
- GM (Holden) HN 1181, 1187, 1386

### Typical Data

Test	Result
Viscosity @ 40°C	36.65cSt
Viscosity @ 100°C	7.96cSt
Viscosity Index	179
Specific Gravity	0.845
<b>Product Code- Pack size</b>	<b>0212. 05/20/205</b>

**Note:** Pennarol 80W-90 gear oil may be unsuitable for use in some transmissions, always consult owners' manual if in doubt

### Storage

All packages should be stored under cover to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C