



PENRITE

# GEAR OIL 80W-90

## Premium Mineral Gear Oil

Issue: June 2015

Product Code	Pack Size	Ctn / Qty
GO8090001	1 Litre	6
GO80900025	2.5 Litre	4
GO8090020	20 Litre	1
GO8090060	60 Litre	1
GO8090205	205 Litre	1

### Description

**Gear Oil 80W-90** is a premium mineral automotive gear oil manufactured with modern extreme pressure additives and friction modifiers, meeting the requirements of API GL-5/6 and MT-1, as well as many other manufacturer specifications. It contains the correct dosage of limslip additive eliminating the need for a additional product when used in limited slip differentials.

### Application

**Gear Oil 80W-90** is designed for use in differentials, both hypoid and limited slip, manual gearboxes, transfer cases and transaxles in passenger cars, light commercials, 4WDs, trucks, construction, earthmoving and agricultural equipment, where this viscosity grade is required.

**Gear Oil 80W-90** provides a superior level of protection in heavy duty conditions including shock loads, preventing wear and maintaining the life of critical parts. The multi-purpose formulation allows greater flexibility while minimising inventory levels, especially for differential applications.

**Gear Oil 80W-90** can also be used where SAE 90 and 85W-90 oils are recommended.

**Gear Oil 80W-90** can also be used in motorcycle drives, where such a grade is recommended and can also be used in 4-wheeler front differentials.

*For competition, consistent high temperature or extreme high load operation, the full synthetic Pro Gear 75W-90 should be used.*

### Product Benefits

- Maximum protection, anti shudder additive technology.
- Minimises inventory as separate limited slip products are not required.
- Superior thermal stability.
- Maintains cleanliness and reduces abrasive wear of critical parts
- Longer drain intervals by resisting high temperature degradation.
- Superior protection against scoring and spalling wear
- Compatible with copper alloy components and protects against corrosion.

### Industry Specifications

API GL-5/GL-6/MT-1/PG-2  
 GM HN 1181/1187/1386/1561  
 ZF TE-ML02B/05A/05C/07A/08/12C/17B  
 BTR 5M-31/5M-36  
 China National GB 13895-1992

MIL-L-2105D  
 White MS-0016  
 Mack GO-J  
 International B-22  
 Ford ESW-M2C1006-B/1013-A/104-A/105-A/197-A

MIL-L-PRF-2105E  
 Chrysler MS-9020  
 Rockwell O-76D  
 SAE J2360

### Typical Data

Colour	Blue
Density at 40°C	0.894
Viscosity, Kinematic, cSt	
at 40°C	152
at 100°C	15
Viscosity Index	99
Viscosity, Brookfield, cSt at 26°C	53,800
Phosphorus, mass %	0.06

Information in this sheet is based on recent production. Minor variations to typical properties are expected in normal manufacture and do not affect product performance. An MSDS is available on request.



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