



# PENRITE



85% REDUCTION  
IN LANDFILL  
WASTE

## GEAR OIL 80W-90 (Mineral)

Last updated: 13/11/2024 3:30 pm

PRODUCT CODE	PACK SIZE	CARTON QTY
GO8090001	1L	6
GO8090025	2.5L	4
GO8090004	4L	4
GO8090020	20L	
GO8090060	60L	
GO8090205	205L	
GO8090100LTR	1000L	



### PRODUCT BENEFITS

**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. Coloured Blue for easy identification.

### 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 in motorcycle drives, where such a grade is recommended and can also be used in 4-wheeler front differentials.

PLEASE NOTE: **GEAR OIL 80W-90** replaces **Hypoid Gear Oil 80W-90** and **Limslip 90** Gear Oil

**Please Note:** A 58mm cap with pouring tap is available to fit 20 litre packs. <https://penriteoil.com.au/products/58mm-plastic-tap>

### PRODUCT BENEFITS

- Suits both Hypoid and Limited Slip Differentials
- Anti shudder additive technology
- Superior thermal stability
- Maintains cleanliness & reduces abrasive wear
- Longer drain intervals
- Maximum protection against scoring & spalling wear
- Compatible with copper alloy components
- Minimises inventory



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## **PRODUCT PERFORMANCE LEVELS**

- API GL-5
- API GL-6
- API MT-1
- API PG-2
- BTR 5M-31
- BTR 5M-36
- China National GB 13895-1992
- Chrysler MS-9020
- Ford M2C1006-A
- Ford M2C1006-B
- Ford M2C1013-A
- Ford M2C104-A
- Ford M2C105-A
- Ford M2C197-A
- GM HN 1181
- GM HN 1187
- GM HN 1386
- GM HN 1561
- International B-22
- Mack GO-J
- MAN 342 M2
- MIL-L-2105D
- MIL-L-PRF-2105E
- Rockwell O-76D
- SAE J2360
- White MS-0016
- ZF TE-ML 02B
- ZF TE-ML 05A
- ZF TE-ML 05C
- ZF TE-ML 07A
- ZF TE-ML 08
- ZF TE-ML 12C
- ZF TE-ML 17B

## **TYPICAL DATA**

Colour	Blue / Green
Density at 15°C, kg/L	0.894
Viscosity, Kinematic, cSt at 40°C	152
Viscosity, Kinematic, cSt at 100°C	15
Viscosity Index	99
Viscosity, Brookfield at -26°C	53,800
Phosphorus, Mass %	0.06