



# HD GEAR OIL 80W-90

## Premium Heavy Duty Gear Oil

Issue: June 2017

PRODUCT CODE	PACK SIZE	CTN QTY
HDGO8090020	20 Litre	1
HDGO8090060	60 Litre	1
HDGO8090205	205 Litre	1



### Description

**HD Gear Oil 80W-90** is a premium mineral heavy duty gear oil manufactured with modern extreme pressure additives and premium quality base oils, meeting the requirements of API GL-5 and MT-1, as well as many other manufacturer specifications.

### Application

**HD Gear Oil 80W-90** is designed for use in heavy duty applications in differentials, manual gearboxes, transfer cases and transaxles in light and heavy duty commercial vehicles, 4WDs, passenger cars, construction, earthmoving and agricultural equipment, where this viscosity grade is required. It can also be used where SAE 90 and 85W-90 oils are recommended.

**HD Gear Oil 80W-90** provides a very high level of protection in all conditions including under severe shock loads, preventing wear and maintaining the life of critical parts.

**HD Gear Oil 80W-90 DOES NOT** contain Limited Slip Additive. For Limited Slip Differentials, add Penrite Limslip Additive at the rate of 150ml per 2 Litres of HD Gear Oil.

### Product Benefits

- Heavy duty protection
- High thermal stability for heavy duty usage
- 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/MT-1/PG-2	MIL-L-PRF-2105E	MIL-L-2105D
GM HN 1181/1386	Chrysler MS-9020	Rockwell O-76A
Clark MS-8	SAE J2360	White MS-0016
ZF TE-ML05A/05C/07A/08/12C/16/21	Mack GO-J	International B-22
Ford ESW-M2C105-A/197-A/119-A	BTR 5M-36	
Joint Service Designation OEP-220		

### Typical Data

Colour	Amber
Density at 40°C	0.883
Viscosity, Kinematic, cSt	
at 40°C	135
at 100°C	15
Viscosity Index	111
Viscosity, Brookfield, cSt at 26°C	53,800
Phosphorus, mass %	0.03
Flash Point, °C	216
Pour Point, °C	-32

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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