



PRODUCT DATA SHEET

HD GEAR OIL 80W-90

HD 80W-90 Gear Oil is a premium mineral multi-purpose heavy duty lubricant formulated with extreme pressure additives and friction modifiers for conventional as well as limited slip differentials requiring API GL-5 and MT-1 type fluids.

HD 80W-90 Gear Oil is blended with field proven additives containing anti-corrosion and anti-oxidants which substantially aid in the protection of gear box and differential components. Sulfur and phosphorus content are fully compatible with seals, gaskets as well as copper alloy components.

HD 80W-90 Gear Oil is designed for use in differentials, manual gearboxes, transfer cases and transaxles in passenger cars, trucks, light commercial, 4WDs, earthmoving equipment and agricultural equipment where 80W-90 viscosity grade oil is recommended.

HD 80W-90 Gear Oil is suitable for helical, hypoid or spiral bevel axles, gear and steering boxes of automotive equipment operating under high-speed, shock-load; high-speed, low-torque; and low-speed, high-torque conditions.

Product Benefits:

- Superior Thermal Stability
- Corrosion protection
- Maximum protection
- Reduces harmful deposits
- Compatible with yellow metal
- Limited slip & conventional differentials
- Guaranteed quality assurance to equipment
- OEM approved technology

TYPICAL PROPERTIES

Density @ 15°C	0.891
Viscosity @ 40°C (cSt)	152.0
Viscosity @ 100°C (cSt)	15.2
Viscosity Index	101
Brookfield @ -26°C (m.Pa.s.)	136,000
Closed Flash Point (°C)	205
Pour Point (°C)	-31
Copper Corrosion (3 hours @ 125°C)	1B
Appearance	Clear & Bright

PERFORMANCE SPECIFICATIONS

SAE: Viscosity 80W-90
 SAE: J2360
 API: GL-5 (and obsolete GL-6)
 API: MT-1
 BTR: 5M-31
 Ford: WSD-M2C197-A
 GM HN 1181, 1561
 Mack: GO-J
 Man: 342 M-2
 MB- 235.0
 Scania: STO 1:0
 ZF: TE-ML 02B, 05C, 07A, 08, 12C

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