

Premium Mineral 80W-90 Gearbox and Differential Oil

Nulon Premium Mineral 80W90 Gearbox and Differential Oil (GBD80W90) is an extreme pressure API GL-5 hypoid gear oil, recommended for heavy duty use in most gearboxes, and conventional differentials for passenger cars, trucks, vans, SUV, earth-moving equipment, construction equipment and farm tractors.

Nulon GBD80W90 is formulated using highly refined base fluids with superior performance additives. It contains a high dose of Sulphur-Phosphorous additive to provide extreme pressure protection for gears and differentials. GBD80W90 is designed using high shear stable chemistry to maintain lubricant film thickness. It has corrosion inhibitor additive to provide corrosion protection and rust resistance for gearbox components.

GBD80W90 is also designed to improve wear protection, anti-scoring properties, oxidation and thermal stability. It has excellent protection against thermal degradation, component wear, and oil seal deterioration.

For enhanced anti-wear performance use [Nulon Smooth Shift Manual Gearbox & Diff Treatment. Part no: G70.](#)

Benefits

- Excellent high temperature stability to withstand extreme operating temperatures
- Improved low temperature fluidity
- Fortified using extreme pressure additive technology to provide excellent protection by reducing wear between gear teeth during high load and shock loading operating conditions.
- Improved corrosion protection and rust resistance to protect gearboxes and differential components.
- Outstanding shear stability to maintain film thickness under heavy duty operating conditions
- Compatible with automotive seals and gaskets to prevent leakage



Applications

- Manual gearboxes, axles, final drives and conventional differentials where API GL-5 is recommended
- Passenger cars, 4x4, light commercial vehicles, SUV, medium trucks
- 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

Typical Characteristics

Typical Characteristics	GBD80W90
SAE Viscosity Grade	80W-90
KV @ 100°C, cSt	14.50
KV @ 40°C, cSt	137.0
Viscosity Index	105
Density @ 15°C, g/mL	0.8928
Pour Point, °C	-27

Due to continued product research and development, the information contained in this Product Bulletin is subject to change without notification

Safety

Avoid prolonged skin contact with used oils. Wear suitable gloves. If skin contact occurs wash immediately with soap and water. Prolonged and repeated contact with used oils may cause skin cancer. Protect the environment. Do not pollute drains, ground or water with used oils. Dispose of container as per local EPA guidelines. Do not use this container for fuel or solvents.

Meets or exceeds the following oil industry specifications	
American Petroleum Institute	API GL-5
BTR	BTR 5M-36
Eaton Axles	No Zinc additives
Ford	ESW-M2C-108A, SM-2C-1013A, SR-MC-9102A, WSP-M2C-197A
GM Claims	HN 1881
Mercedes Benz	MB 235.0, MB 235.6
Rockwell	Rockwell 0-76D
US Military	MIL-L-2105 B, MIL-L-2105 C, MIL-L-2105 D

Pack Sizes Meets or exceeds the following oil industry specifications



Part No: GBD80W90-4
4 Litres - 3 Per Carton
Barcode: 9311090002142



Part No: GBD80W90-2.5
2.5 Litres - 6 Per Carton
Barcode: 9311090004139



Part No: GBD80W90-1
1 Litre - 6 Per Carton
Barcode: 9311090002050



Part No: GBD80W90-20
20 litres - Single Unit
Barcode: 9311090002203