

Premium Mineral 85W-140 Gearbox & Differential Oil (LSD85W140)

Nulon Premium Mineral 85W-140 Limited Slip Differential Oil (LSD85W140) is developed for limited slip differential applications to withstand high loads and repeated shock-load conditions. Also ideal for conventional differentials and vehicles that operate under heavy duty conditions such as 4x4, towing, or carrying heavy loads. Nulon LSD85W140 is suitable for use where API GL-5 or GL-6 (obsolete) is recommended.

LSD85W140 is formulated using the synergy of high viscosity base fluids with an extreme pressure additive system, corrosion inhibitor and friction modifier technology. This enhances wear protection and corrosion resistance and provides smoother operation in limited slip differentials. LSD85W140 is engineered using high shear stable material to withstand extreme load and maintain viscosity.

LSD85W140 meets the severe requirements of API MT-1 suitable for use in non-synchronized manual transmissions and final drive axles in buses and heavy-duty trucks. LSD85W140 provides superior protection against thermal degradation during high operating temperature, oil seal deterioration, and component wear.

LSD85W140 is modified with anti-friction additive to reduce and even eliminate clutch chatter in vehicles fitted with limited slip differential. It elevates smooth operation for either limited slip or conventional hypoid differentials.

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



Benefits

- Good oxidation and thermal stability for longer oil service life
- High film strength to tolerate high loads
- Reduces clutch chatter (also known as judder)
- Excellent corrosion protection for differential component durability
- Excellent protection against oil seal deterioration
- Outstanding shear stability to maintain fluid viscosity and film thickness under high to severe operating conditions

Applications

- Limited Slip differential and rear axle passenger car where API GL-5 or GL-6 is recommended
- 4WD, light trucks, light commercial vehicles, on highway and off highway vehicles
- Conventional type differential under extremely high load
- Mack heavy-duty trucks and bus where API MT-1 classification is required

Typical Characteristics

Typical Characteristics	LSD85W140
SAE Viscosity Grade	85W-140
KV @ 100°C, cSt	28.00
KV @ 40°C, cSt	380.0
Viscosity Index	100
Density @ 15°C, g/mL	0.9086
Pour Point, °C	-18

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

Health and Safety

Avoid prolonged skin contact with used oils. During handling, wear suitable gloves and wash hands thoroughly after use. Dispose of container properly as per EPA guidelines. This container is not suitable for fuel or solvents.

Meets or exceeds the following oil industry specifications	
American Petroleum Institute	API GL-5, API GL-6 (Obsolete), API MT-1
BTR	BTR 5M-41
Ford	ESW-M2C-105A, ESW-M2C-108A, SM-2C-1013A, SQM-2C-9002AA, SR-MC-9102A, WSP-M2C-197A
GM Claims	HN 1181, HN 1187, HN 1386, HN 1561
Mack	Mack GO-J
US Military	MIL-L-2105 B, MIL-L-2105 C, MIL-L-2105 D, MIL-PRF-2105E

Pack Sizes



Part No: LSD85W140-1E
1 Litre - 4 per carton
Barcode: 9311090005433



Part No: LSD85W140-20
20 litres - Single Unit
Barcode: 9311090003064