

## Full Synthetic 80W-140 Heavy Duty Limited Slip Differential Oil (SYN80W140)

Nulon Full Synthetic 80W-140 Heavy Duty Limited Slip Differential Oil (SYN80W140) is an API GL-5 / GL-6 (obsolete) and API MT-1 limited slip and conventional differential oil with superior high temperature stability when compared to mineral differential gear oils. It is the preferred substitute for SAE 85W-140. Ideal for use in vehicles operating under heavy duty conditions such as: 4x4, towing, racing or carrying heavy loads.

Nulon SYN80W140 is formulated using hydrofinished base oils with superior additive packages to enhance wear protection, corrosion protection, and low temperature characteristics. The optimized formulation has maximum oxidation and thermal stability to ensure fluid durability and performance during its life time.

The hydrofinished base oils used in SYN80W140 are Very High Viscosity Index (VHVI) base fluids that have advantages of low volatility for better oil consumption, low wax content for improved low temperature fluidity, high saturates level for excellent thermal and oxidation stability, and low sulphur and aromatic compounds for improved environmental outcomes.

Nulon SYN80W140 is ideal for Ford and Holden limited slip differentials because it contains the required Sturaco 7098/ Ford R178 limited slip additive. When using this product there is no need to use additional Sturaco 7098 or Ford R178 limited slip additive.



### Benefits

- Outstanding oxidation and thermal stability
- Superior seal compatibility to protect oil seal deterioration
- Contains limited slip additive. No additional Sturaco 7098 or Ford R178 required
- Fortified using extreme pressure additive technology to provide excellent protection by reducing wear between gear teeth during high load and shock load operating conditions.
- Can be used in conventional differentials (non LSD)
- High film strength to tolerate high loads
- Reduces clutch chatter (also known as judder)
- Excellent corrosion protection and rust resistance for differential component durability

### Applications

- Ford and Holden limited slip differentials
- 4x4, racing, towing or carrying heavy loads
- Limited slip differentials that requires API GL-5 or GL-6 (obsolete) performance

### Use where the following specifications are required

US Military	MIL-L-2105 B, MIL-L-2105 C, MIL-L-2105 D, MIL-PRF-2105E
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### Typical Characteristics

Typical Characteristics	SYN80W140
SAE Viscosity Grade	80W-140
KV @ 100°C, cSt	29.00
KV @ 40°C, cSt	222.0
Viscosity Index	170
Density @ 15°C, g/mL	0.8939
Pour Point, °C	-30

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.

### Use where the following specifications are required

American Petroleum Institute	API GL-5, API GL-6 (Obsolete), API MT-1
BTR	BTR 5M-41, BTR 5M-48
Ford	ESW-M2C-105A, ESZ-M2C-190A, SM-2C-1013A, WSP-M2C-197A
GM Claims	HN 1181, HN 1187, HN 1386, HN 2040
Mack	Mack G0-H/S, Mack G0-J
Rockwell	Rockwell 0-76A
Society of Automotive Engineers	SAE J2360

### Pack Sizes



Part No: SYN80W140-1E  
1 Litre - 4 per carton  
Barcode: 9311090005495



Part No: SYN80W140-20  
20 litres - Single Unit  
Barcode: 9311090003095