



PRO GEAR 80W-140

Package Sizes: 1 Litre, 2.5 Litre, 20 Litre, 60 Litre, 205 Litre

Product Codes: PROG80140001, PROG801400025, PROG80140020, PROG80140060, PROG80140205

Issue: August 2012

Pro Gear 80W-140 is a premium full synthetic, SAE 80W-140, API GL-5/GL-6/MT-1, heavy duty gear oil that uses a special combination of synthetic base oils which include PAO and Ester, with an advanced additive system to provide performance and protection under severe service. It can also be used in applications requiring an SAE 85W-140, 75W-140 or SAE 140 gear oil.

Application

Pro Gear 80W-140 is designed for use in differentials, both hypoid and limited slip, of competition vehicles and many makes of cars, light commercials, 4WDs and trucks. It can be used in these applications where a synthetic oil of this viscosity is required or where consistent high temperature operations and/or extreme loads are encountered.

It is an excellent option as a replacement for a mineral gear oil, of a similar viscosity, in severe applications, such as high temperatures and shock loads, that may lead to a mineral oil breaking down prematurely. It's resistance to high temperature degradation and oxidation, allows it to provide longer oil drain intervals while providing maximum wear protection.

In addition, Pro Gear 80W-140 has been especially formulated (and field trial-proven) to reduce chatter and whine in BTR/Dana M78/M80 limited slip differentials fitted to V8 Holdens and Fords as well Chrysler Jeep. It is pre-dosed with the correct amount and type of limited slip friction modifier. Note that no extra additive is required, nor should it be added as seal degradation may result.

May also be used in agricultural and earthmoving applications, as well as in manual gearboxes or final drives/axles, where an oil of this viscosity grade is required.

Replaces SIN Gear 80.

Customer Benefits

- Ultimate protection, race proven performance.
- Longer drain intervals due to extreme heat resistance
- Superior protection against scoring and spalling wear which can occur under repeated shock load conditions.
- Compatibility with copper alloy components and protection against corrosion.
- Minimises chatter in high performance competition and on-highway limited slip differentials.
- Minimises inventory as separate limited slip products are not required.

Industry Specifications

API GL-5/API GL-6/MT-1	MIL-L-PRF-2105E	Ford M2C-190A	GM HN 2040
BTR/Dana	Mack GO-J	Eaton Axle Bulletin 90-104	
ZF TE-ML05B/07A	SAE J2360	Rockwell O-76-B	

Typical Data

Viscosity, Kinematic, cSt	
at 40°C	259
at 100°C	29.1
Viscosity Index	149
Viscosity, Brookfield, cP @ -26 °C	44,650
Phosphorus, mass %	0.236



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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