



PENRITE

PRO GEAR 80W-140

Full Synthetic Gear Oil

Issue: June 2015

Product Code	Pack Size	Ctn / Qty
PROG80140001	1 Litre	6
PROG801400025	2.5 Litre	4
PROG80140020	20 Litre	1
PROG80140060	60 Litre	1
PROG80140205	205 Litre	1

Description

Pro Gear 80W-140 is a premium full synthetic, SAE 80W-140, 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 ultimate performance and protection under all operating conditions. It meets the performance requirements of API GL-5/GL-6/MT-1 as well as many other manufacturers specifications.

Application

Pro Gear 80W-140 is designed for use in manual gearboxes, transaxles and differentials of competition vehicles, passenger cars, 4WDs, light & heavy duty commercials, trucks, buses, agricultural and earthmoving equipment.

Pro Gear 80W-140 can be used in applications requiring a SAE 85W-140, 75W-140 or SAE 140 gear oil or where a synthetic oil of this viscosity is required especially where consistent high temperature operations and/or extreme loads are encountered.

Pro Gear 80W-140 is already dosed with the correct amount of friction additive for use in limited slip differentials, no extra additive is required, nor should it be added as seal degradation may result.

Pro Gear 80W-140 can be used as a replacement for a mineral gear oil, of a similar viscosity, operating in severe applications, such as high temperatures and shock loads that may lead to a mineral oil breaking down prematurely. Its resistance to high temperature degradation and oxidation allows it to provide longer oil drain intervals while providing maximum wear protection.

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 vehicles.

Product Benefits

- Ultimate protection, race proven performance.
- Longer drain intervals due to extreme heat resistance.
- Superior protection against scoring & spalling wear caused by repeated shock load conditions.
- Compatible with copper alloy components and protects 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 M2C190-A	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

Colour	Amber
Density@ 15 °C	0.896
Viscosity, Kinematic, cSt	
at 40°C	259
at 100°C	29.1
Viscosity Index	157
Pour Point, °C	-30.0
Viscosity, Brookfield, cP @ -26 °C	58,900
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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