



PENRITE

PRO GEAR 75W-90

Full Synthetic Gear Oil

Issue: October 2016

PRODUCT CODE	PACK SIZE	CTN QTY
PROG7590001	1 Litre	6
PROG75900025	2.5 Litre	4
PROG7590020	20 Litre	1
PROG7590060	60 Litre	1

Description

Pro Gear 75W-90 is a premium full synthetic, SAE 75W-90, 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 75W-90 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 75W-90 can be used in applications requiring a SAE 80W-90 or SAE 90 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 75W-90 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 75W-90 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.

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/GL-6/MT-1	MIL-L-PRF-2105E	Ford M2C200-C	BTR 5M-50
Mack GO-J	Mack GO-H/S	Dana Axle	GM HN2013
Eaton Axle Bulletin 90-104	Rockwell O-76E	Rockwell O-76N	SAE J2360
ZF-TE-ML05B/05D/07A/08/12D/16F/19C/21			

Typical Data

Colour	Amber
Density at 15°C, kg/L	0.863
Viscosity, Kinematic, cSt	
at 40°C	95
at 100°C	15.1
Viscosity Index	168
Viscosity, Brookfield, cP @ -40 °C	122,000
Phosphorus, mass %	0.213

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.



PENRITE OIL COMPANY PTY LTD, 88 Lewis Road, Wantirna South
 Victoria AUSTRALIA 3152, ABN 25 005 001 525
 Enquiries: Phone 1300-PENRITE (1300 736 748)
 Fax: 1800-PENRITE (1800 736 748)
 International: Phone: 61 3 9801 0877, Fax: 61 3 9801 0977
 New Zealand Ph: 0800 533 698, Fax: 0508 736 748
 United Kingdom and EU Ph: +44 (0) 1594 562357, Fax: +44 (0) 1594 564234
 Website: www.penriteoil.com, Email: penrite@penriteoil.com

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