HPR 5

Codes: HPR05001, HPR05005, HPR05006, HPR05010, HPR05020, HPR05060, HPR05205

Issue: October 2011

Penrite HPR 5 is a premium quality, full synthetic SAE 5W-40 petrol engine oil. It uses a combination of the latest additive technology and a low shear rate viscosity modifier, ensures additional protection against wear, corrosion, oil oxidation and sludge under tough Australian Conditions.

Penrite HPR 5 exceeds the requirements of API SN/CF and the European Standards ACEA A3/B4, as well as many manufacturers' specifications.

Application

Designed for use in latest generation petrol engines such as multi-cam, multi-valve, turbocharged and supercharged engines including the new high output European and Japanese engines.

Also recommended for engines with variable valve timing. Specific applications include MG-F, MG-TF, MG-ZT, post 1998 vehicles manufactured by Volvo, Subaru and SAAB, high performance Japanese cars and other vehicles that specify the use of SAE 5W-30, 10W-30 or 5W-40 oils in the owner's handbook. HPR 5 can be used where the ILSAC GF-3/GF-4/GF-5, ACEA A1/B1 and A5/B5 fuel economy specifications are specified.

Penrite HPR 5 is ideal for many light duty diesel engines where API CF, ACEA A3/B3 or ACEA A3/B4 is recommended.

Customer Benefits

- Greater engine protection at operating temperatures compared to 5W-30 oils due to higher operating viscosity.
- Longer engine life by reducing formation of high temperature engine deposits.
- Longer oil life and less oil consumption.
- Low start-up viscosity provides engine protection and power/fuel economy retention at the most critical time of the engines run cycle.

Industry Specifications

API SN/CF	ACEA A3/B4 (Europe)	SAAB	MB-Approval 229.5
GM 4718M	Renault	Volvo	Rover RES.22.OL.22
VW 502.00/505.00	Chrysler MS-6395G	Porsche A40	GM-LL-B-025
Ford M2C912A, M2C913A/B	Ford M2C153-G/H	Opel B040 2095	BMW LL-01

Typical Data

Density at 15°C, kg/L	0.854
Viscosity, Kinematic, cSt	
at 40°C	92
at 100°C	15.0
Viscosity Index	173
Cold Cranking Viscosity, cP at -30°C	6446
Zinc, Mass %	0.105
Phosphorus, Mass %	0.096
Sulphated Ash, mass %	1.09
Base Number, mass %	10.1

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. A 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 7483
Fax: 1800-PENRITE (1800 736 7483)
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

PROUDLY AUSTRALIAN
FAMILY OWNED
SINCE 1926