



HPR 5 5W-40

Codes: HPR05001, HPR05005, HPR05006, HPR05010, HPR05020, HPR05060, HPR05205
Issue: March 2012

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. Suitable for use in four stroke motorcycles.

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

Replaces Everyday Full Synthetic 5W-40.

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 engine's run cycle.

Industry Specifications

API SN/CF	ACEA A3/B4	JASO MA1	VW 502.00/505.00
Ford M2C912-A/913-A/913-B/153-G/153-H		GM-LL-B-025	Opel B040 2095
GM 4718M	Renault 0700/0710	Porsche A40	Rover RES.22.OL.22
Chrysler MS-6395G			

Approvals

MB - Approval 229.5 BMW Longlife-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.
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 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**

