



# HPR

## HPR 5

### Full Synthetic 5W-40 Engine Oil

Issue: February 2016

Product Code	Pack Size	Ctn / Qty
HPR05001	1 Litre	6
HPR05005	5 Litre	4
HPR05006	6 Litre	3
HPR05010	10 Litre	1
HPR05020	20 Litre	1
HPR05060	60 Litre	1
HPR05205	205 Litre	1

### Product Description

HPR 5 is a premium, full synthetic SAE 5W-40 **Original Equipment Manufacturer (OEM) warranty, Fully Licensed/Approved** engine oil. Contains a **DOUBLE LAYER** of engine wear protection with **FULL ZINC** and Penrite's advanced **EXTRA TEN** technology. It uses a combination of the latest additive technology and a low shear rate viscosity modifier, to ensure additional protection against wear, corrosion, oxidation, piston deposits and sludge under tough conditions.

HPR 5 is **Licensed** by the API (American Petroleum Institute) to meet SN specifications ensuring quality and satisfaction. It also exceeds the latest European ACEA A3/B4 requirements, as well as many manufacturers' specifications.

### Application

HPR 5 is designed for use in modern 4, 6 & 8+ cylinder multi-cam, multi-valve (including VVT), naturally aspirated, supercharged & turbocharged engines.

HPR 5 is suitable for vehicles that specify the use of SAE 5W-30, SAE 10W-30 or SAE 5W-40 viscosity engine oils in the owner's handbook. It can be used where ILSAC GF-3 / GF-4 / GF-5 and or where ACEA A1/B1 and A5/B5 fuel economy and long service life specifications are requested by the manufacturer. It can also be used where previous API specifications SM (2004-10), SL (2001-04), SJ are recommended.

HPR 5 is suitable for use in LPG and light duty diesel engines where API CF, ACEA A3/B3 or A3/B4 is recommended. It is **NOT** suitable for use in diesels fitted with a DPF (Diesel Particulate Filter).

HPR 5 is an **OEM Approved** product for both Mercedes Benz vehicles requiring MB-Approval 229.5 and for BMW vehicles requiring BMW LongLife-01 specification engine oils. As a manufacturer approved product, it provides full warranty approved service requirements for these vehicles. It can also be used in many other vehicles that require a full synthetic, petrol and light duty diesel engine oil.

### Vehicle & Fuel Types

HPR 5 is suitable for use in passenger cars, 4WD's, light commercial vehicles and it is also suitable for use in four stroke motorcycles that use a wet clutch system and is compatible with Petrol/LPG (Dual Fuel)/E10 & Diesel and other conventional fuels. Can be used with E85 fuels for competition purpose. Penrite recommend changing the oil more regularly if using E85 fuel.



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## Product Benefits

- **EXTRA TEN** technology offers the same engine wear protection at start up, but offers an extra layer of protection under all driving conditions compared to SAE 5W-30 & SAE 10W-30 engine oils
- **FULL ZINC** anti-wear additive package for ultimate engine wear protection
- **LATEST** oil specification technology exceeding **API SN** and **ACEA A3/B4** for maximum wear protection, minimum sludge formation & reduced piston deposits
- **OEM APPROVED** to maintain manufacturers' warranty & specifications
- Reduces oil consumption and maintains oil pressure
- Longer engine life by reducing formation of high temperature engine deposits
- Competition proven and trusted protection for performance engines

## Industry Specifications

API SN/CF  
ACEA A3/B4  
JASO MA1

## Manufacturer Specifications

BMW Longlife-01	VW 502.00/505.00	GM 4718M	Chrysler MS-6395G
GM-LL-B-025	Opel B040 2095	Renault 0700/0710	Porsche A40
Rover RES.22.OL.22	Ford M2C912-A/913-A/913-B/913-C/913-D/153-G/153-H		

## OEM Approvals

(Original Equipment Manufacturers Approval for Use)

MB-Approval 229.5

## 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
HT/HS Viscosity, cP at 150°C	3.9
Zinc, Mass %	0.105
Phosphorus, Mass %	0.096
Sulphated Ash, mass %	1.09
Base Number	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.



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