



# PENRITE



85% REDUCTION  
IN LANDFILL  
WASTE

## HPR 5 5W-40 (Full Synthetic)

Last updated: 21/09/2020 7:52 am

PRODUCT CODE	PACK SIZE	CARTON QTY
HPR05001	1L	6
HPR05005	5L	4
HPR05006	6L	3
HPR05007	7L	
HPR05010	10L	
HPR05020	20L	
HPR05020BOX	20L	
HPR05060	60L	
HPR05205	205L	



### PRODUCT BENEFITS

**HPR 5** is a premium, full synthetic SAE 5W-40 **Original Equipment Manufacturer (OEM) Warranty, Fully Licensed/Approved** engine oil. It features a **DOUBLE LAYER** of engine wear protection with **FULL ZINC** and Penrite's advanced **EXTRA TEN** technology. It uses a combination of advanced 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 the latest **SP** specifications ensuring quality and satisfaction. It also exceeds the latest European ACEA A3/B4 requirements as well as JASO MA and many other manufacturers' specifications.

### APPROVALS AND LICENSES

- [Click Here](#) to view API License
- [Click Here](#) to view Mercedes Benz 229.5 Approval

### 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 recommended for use in vehicles where SAE 5W-30 or SAE 10W-30 or SAE 5W-40 engine oils were originally recommended by the manufacturer. It can be used where and ACEA A3/B4 is specified and where API SN and previous API specifications SM (2004-10), SL (2001-04), SJ (1998-2001) were originally recommended. It can be used in LPG and light duty diesel engines where API CF, ACEA A3/B3 or A3/B4 is recommended. It may also be used as a replacement for ILSAC GF-3, GF-4 and GF-5 grade oils and where ACEA A1/B1 (Obsolete) and ACEA A5/B5 fuel economy oils are required. It is **NOT** recommended for use in diesels fitted with a DPF (Diesel Particulate Filter) that require an ACEA "C" grade Low-SAPS (Sulphated Ash, Phosphorus & Sulphur) engine oil.

**HPR 5** is an **OEM Approved** product for Mercedes Benz vehicles requiring MB-Approval 229.5. As a manufacturer approved product, it provides full warranty approved service requirements for Mercedes Benz vehicles requiring this specification engine oil. It is also suitable for use where BMW LongLife-01 and Porsche A40 is required as well as in many other applications where a full synthetic, petrol and light duty diesel engine oil is required.

### EXTRA TEN TECHNOLOGY

**HPR 5** features Penrite's Extra Ten Technology in the oils operating temperature viscosity that provides better wear protection, oil pressure and reduced oil consumption at operating temperature. It provides an added layer of protection for engines that are under high load conditions, competition, operating in high ambient temperatures or showing signs of excessive oil consumption.

### VEHICLE & FUEL TYPES

**HPR 5** is suitable for use in passenger cars, 4WD's, light commercial vehicles can be used in four stroke motorcycles that use a wet clutch system. It 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.

### IMPORTANT INFORMATION WHEN CHANGING OIL.

**Please Note:** When changing oil, Penrite recommend using **Penrite Engine Flush**, a fast acting, solvent free, engine cleaning formulation that removes engine deposits, sludge and contaminants with the oil service drain. It contains added Zinc for engine wear protection and its fast acting formulation works in 10 minutes.



# PENRITE



**85% REDUCTION  
IN LANDFILL  
WASTE**

## **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
- **OEM APPROVED** to maintain manufacturers' warranty & specifications
- **API LICENSED** for quality assurance
- **API SP** engine oil specification technology for improved engine durability, better fuel economy and increased wear protection.
- **ENHANCED** LSPI (Low Speed Pre-Ignition) protection
- **BETTER** wear protection for **"Idle Stop"** engines
- **REDUCED** Turbo Charger deposits
- **IMPROVED** oxidation and deposit control and aeration
- Reduces oil consumption and maintains oil pressure
- Competition proven and trusted protection for performance engines
- Better start up protection
- Suitable for Petrol, LPG & Diesel engines
- Safe for wet clutch motorcycles

## **MANUFACTURER'S (OEM) APPROVALS & INDUSTRY LICENSES**

- MB-Approval 229.5

## **PRODUCT PERFORMANCE LEVELS**

- ACEA A3/B4
- API SJ
- API SL
- API SM
- API SN
- API SN/CF
- API SP/CF
- BMW LL-01
- BMW Longlife-01
- Chrysler MS-6395G
- Ford M2C153-G
- Ford M2C153-H
- Ford M2C912-A
- Ford M2C913-A
- Ford M2C913-B
- Ford WSS-M2C913-A
- Ford WSS-M2C913-B
- GM 4718M
- GM-LL-B-025
- JASO MA
- MB 229.3.
- MB 229.5.
- Opel B 040 2095
- Porsche A40
- PSA B71 2296
- Renault RN 0700
- Renault RN 0710
- Rover RES.22.OL.22
- VW 502 00
- VW 505 00

## **SUITABLE FOR USE WHERE SPECIFICATIONS BELOW ARE REQUIRED**

### **(FOR OUT OF WARRANTY SERVICE)**

- ACEA A1/B1 (Obsolete)
- ACEA A5/B5
- API SP
- Ford M2C913-C
- Ford M2C913-D
- Ford WSS-M2C913-C
- Ford WSS-M2C913-D
- ILSAC GF-3
- ILSAC GF-4
- ILSAC GF-5



# PENRITE



**85% REDUCTION  
IN LANDFILL  
WASTE**

## TYPICAL DATA

Density at 15°C, kg/L	0.857
Viscosity, Kinematic, cSt at 40°C	91
Viscosity, Kinematic, cSt at 100°C	14.4
Viscosity Index	167
Cold Cranking Viscosity, cP at -30°C	6400
Zinc, Mass %	0.124
Phosphorus, Mass %	0.113
Sulphated Ash, Mass %	1.28
Total Base Number (TBN)	10.4