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HPR 0 0W-30 (Full Synthetic)

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PRODUCT CODE	PACK SIZE	CARTON QTY
HPR00005	5L	4
HPR00020	20L	

PRODUCT BENEFITS

HPR 0 is a premium, full synthetic SAE 0W-30 engine oil. It features a **DOUBLE LAYER** of engine wear protection 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.

It meets API SP and ACEA A5/B5 specifications, as well as other manufacturers' specifications.

APPLICATION

HPR 0 is designed for use in modern 4, 6 & 8+ cylinder multi-cam, multi-valve (including VVT), naturally aspirated, supercharged & turbocharged engines, including petrol/electric hybrids.

HPR 0 is recommended for use in vehicles where SAE 0W-30, SAE 5W-20 or 0W-20 low viscosity engine oils were originally recommended by the manufacturer. It can be used where the ILSAC GF-3/GF-4/GF-5, ACEA A1/B1 (obsolete) and A5/B5 fuel economy specifications are requested by the manufacturer. It may also be used where API SP and previous API specifications SN (2010-2020), SM (2006-2010) & SL (2002-2006) were recommended. It is also suitable for use in many Diesel and LPG powered vehicles requiring an engine oil meeting ACEA B5 specifications.

HPR 0 is suitable in Hybrid powered petrol/electric vehicles where this viscosity and specification are requested by the manufacturer. It is **NOT** recommended for use in diesels fitted with a DPF (Diesel Particulate Filter) that require an ACEA "C" grade Low-Mid SAPS (Sulphated Ash, Phosphorus & Sulphur) engine oil.

VEHICLE AND FUEL TYPES

HPR 0 is suitable for use in passenger cars, 4WD's & light commercial vehicles and is compatible with Unleaded Petrol/LPG (Dual Fuel)/E10 & Diesel and other conventional fuels.

EXTRA-TEN TECHNOLOGY

HPR 0 features the Penrite **EXTRA TEN** in the oil's SAE rating. This technology helps protect your engine by using a normal start up viscosity with an oil that has a higher operating temperature viscosity. This improves engine oil film strength, lowering frictional heat whilst providing an extra layer of anti wear protection over standard SAE grade oils, reducing engine wear in all driving conditions.

IMPORTANT INFORMATION WHEN CHANGING OIL.

NOTE: **HPR 0** is NOT suitable for use in rotary engines. It is NOT suitable for use in four-stroke motorcycles.

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.

Please Note: A 58mm cap with pouring tap is available to fit 7, 10 & 20 litre packs.
<https://penriteoil.com.au/products/58mm-plastic-tap>





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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-20 & SAE 0W-20 engine oils
- 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
- **MAXIMISES** wear protection, **MINIMISES** sludge formation & **REDUCES** piston deposits
- Reduces oil consumption and maintains oil pressure
- Can be used in both petrol & diesel engines
- Longer engine life by reducing formation of high temperature engine deposits
- Suitable for **HYBRID** petrol/electric vehicles

PRODUCT PERFORMANCE LEVELS

- ACEA A5/B5
- API SP
- BMW Longlife-01 FE
- MB 229.6
- Volvo VCC 95200356

SUITABLE FOR USE WHERE SPECIFICATIONS BELOW ARE REQUIRED (FOR OUT OF WARRANTY SERVICE)

- ACEA A1/B1 (Obsolete)
- API SL
- API SM
- API SN
- ILSAC GF-3
- ILSAC GF-4
- ILSAC GF-5

TYPICAL DATA

Density at 15°C, kg/L	0.849
Viscosity, Kinematic, cSt at 40°C	50
Viscosity, Kinematic, cSt at 100°C	9.9
Viscosity Index	180
Cold Cranking Viscosity, cP at -35°C	5920
Zinc, Mass %	0.085
Phosphorus, Mass %	0.077
Sulphated Ash, Mass %	1.2
Total Base Number (TBN)	12.6