



HPR 10 10W-50

Codes: HPR10001, HPR10005, HPR10006, HPR10010, HPR10020, HPR10060, HPR10205

Issue: October 2011



Penrite HPR 10 is a premium quality, fully-synthetic SAE 10W-50 wide range viscosity petrol engine oil for optimum engine performance. HPR 10 offers the best balance of power retention and wear protection for new engines in tough conditions.

Penrite HPR 10 meets the requirements of API SN/CF and the European Standards ACEA A3/B4, as well as many manufacturers' specifications.

Application

Designed for use in the latest types of petrol engines including conventional, multi-cam, multi-valve, turbocharged and supercharged engines (including the new generation of high output V8 and V10 engines) from all over the world. Also recommended for engines equipped with variable valve timing. Specific examples include the VT-VY Commodore, Range Rover, Nissan, Chrysler and Jeep petrol engines, Honda VTEC engines, Toyota VVT-i engines and other vehicles that specify the use of SAE 10W-30, 10W-40 or 10W-50 oils in the owner's handbook. Can also be used where SAE 15W-50 and 15W-40 oils are required.

Suitable for use in many gas and diesel powered vehicles, however HPR Gas 10 and HPR Diesel 5 are the primary recommendations in this viscosity range. Not recommended for motorcycles.

Customer Benefits

- Maximum engine protection at operating temperatures compared to other 10W- oils due to higher operating viscosity.
- Extended engine life by reducing formation of high temperature engine deposits.
- Reduced oil consumption due to the combination of low volatility synthetic base oils and high operating temperature viscosity.
- The low start-up viscosity provides engine protection and power retention at the most critical time of the engine's run cycle.
- Has Penrite's Extra Ten compared to SAE 10W-40 oils for improved protection at operating temperature.

Industry Specifications

API SN/CF
VW 500.00/502.00/505.00
Rover RES.22.OL.22
GM 9986126

ACEA A3/B4
Ford M2C905-A3/910-A/153-F/153-G
MB 229.1
Renault

Chrysler MS-6395
Ford M2C905-A3/910-A/153-F/153-G
GM-LL-A/B-025 (Opel/Vauxhall)

Peugeot PSA E-02
Holden HN 2100

Typical Data

Density at 15°C, kg/L	0.861
Viscosity, Kinematic, cSt	
at 40°C	127
at 100°C	19.0
Viscosity Index	169
Cold Cranking Viscosity, cP at -25°C	6354
Zinc, Mass %	0.114
Phosphorus, Mass %	0.104
Sulphated Ash, mass %	1.08
Base Number, mass %	8.8



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.

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