



## HPR 15W-60

Penrite HPR 15W-60 is a semi-synthetic SAE 15W-60 non friction modified, premium engine oil. It is formulated with additives of the highest standards to provide enhanced protection against wear, corrosion, oil oxidation and sludge.

Penrite HPR 15W-60 meets the requirements of API SL/CF and the European Standards ACEA A3 and B3, as well as many manufacturers specifications.

### APPLICATION

Penrite HPR 15W-60 is specifically designed for use in modern petrol engines in all types of vehicles including "conventional", rotary, multi-cam, multi-valve, turbocharged and supercharged engines. Primarily, those that require SAE 15W-40, 15W-50, 20W-50 and 20W-40 engine oils. It is also suitable for four stroke motorcycles with integral clutches/transmissions.

May be used in LPG and light duty diesel engines.

### CUSTOMER BENEFITS

- Greater engine protection at high operating temperatures compared to other 15W- oils and improved cranking at start up compared to 20W- oils.
- Longer engine life by reducing formation of high temperature engine deposits.
- Reduced oil consumption due to use of low volatility hydroisomerized synthetic base oils and high operating temperature viscosity.
- Catalytic converter compatible.

### INDUSTRY AND MANUFACTURER SPECIFICATIONS

Penrite HPR 15W-60 meets the performance requirements of:

API SL/CF	ACEA A3/B3 (Europe)
Porsche	GM 6094M
Mercedes Benz 229.1	VW 501.01/505.00
Opel B0401013	Ford WSE-M2C902-A3
Renault	Ford WSS M2C 153E

### TYPICAL PROPERTIES

Density at 15°C, kg/L	0.877
Flash Point, °C	207
Viscosity, Kinematic, cSt	
at 40°C	189
at 100°C	24.2
Viscosity Index	158
Cold Cranking Viscosity, cP at -20°C	6328
Sulphated Ash, mass %	1.00
Base Number	7.6

### ENVIRONMENT, HEALTH AND SAFETY

Information is available by request on this product in the Penrite Material Safety Data Sheet. Information in this sheet is based on the most current information available. Minor variations to typical properties not affecting the performance of the product are to be expected in normal manufacture.

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*Obsession with oil*