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## HPR GAS 10 10W-50 (Semi Syn.)

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PRODUCT CODE	PACK SIZE	CARTON QTY
HPRG10005	5L	4

### PRODUCT BENEFITS

**HPR Gas 10** is a premium high performance semi synthetic SAE 10W-50, non-friction modified engine oil. It features a **DOUBLE LAYER** of engine wear protection with **FULL ZINC** and Penrites advanced **EXTRA TEN** technology. It contains a combination of high technology additives, including additives to prevent oil nitration and low shear viscosity modifiers. It protects against corrosion, oil oxidation and sludge under all operating conditions.

### APPLICATION

**HPR Gas 10** is designed for use in modern 4, 6 & 8+ cylinder multi cam, multi valve (Including VVT), naturally aspirated, supercharged, turbocharged, direct injection, Petrol/LPG/Dual fuel engines. It is particularly suited for use under high load conditions such as taxi service, towing or where ambient temperatures are high.

**HPR Gas 10** is recommended for use in vehicles where SAE 10W-40, SAE 10W-50 & SAE 15W-40 grade engine oils were originally recommended by the manufacturer. It can be used where API CI-4/SL is required as well as for many other manufacturers requirements. It can also be used where ACEA A3/B3 is recommended in model years prior to 2017 and also where API SL and previous API petrol specifications SJ (1998-2000), SH (1994-1997), SG (1989-1993) or earlier specifications are recommended. It is suitable for use in many older Diesel and LPG powered vehicles requiring an engine oil meeting API CH-4 or CF-4 or older specifications. It is not recommended for use in diesel vehicles fitted with a DPF (Diesel Particulate Filter).

### VEHICLE AND FUEL TYPES

**HPR Gas 10** is suitable for use in passenger cars, 4WDs, light duty commercial engines as well as industrial equipment such as fork lifts & stationary engines. It is suitable for use with Diesel & Petrol/E10/LPG (Dual Fuel).

**Please Note:** For Motorcycles where HPR Gas 10 was previously used, we recommend **MC-4ST 10W-50 Semi Synthetic**

### EXTRA TEN TECHNOLOGY

**HPR GAS 10** features Penrites 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.

### IMPORTANT INFORMATION WHEN CHANGING OIL

**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.

### PRODUCT BENEFITS

- **EXTRA 10** provides an **EXTRA LAYER** of engine protection
- **FULL ZINC** additive package for superior engine wear protection
- **GREATER** engine protection than 10W-40 grade oils
- Minimises sludge formation
- Less oil consumption compared to 10W-40 oils
- Resists severe nitration of oil
- Longer bearing life in LPG engines
- Reduced high temperature engine deposits
- Longer oil life
- Reduces wear by controlling engine deposits
- Better start up protection
- Suitable for both Petrol & Diesel engines





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### **PRODUCT PERFORMANCE LEVELS**

- ACEA A3/B3 (PRIOR TO 2017)
- API CG-4/SL
- API CH-4/SL
- API CI-4/SL
- China National GB 11122-2006
- Ford M2C153-F
- Ford M2C153-G
- Ford M2C905-A3
- Ford M2C910-A
- Holden HN 2314
- MB 228.1.
- MB 229.3.
- Peugeot PSA D-02
- Peugeot PSA E-02
- VW 501 01
- VW 502 00
- VW 505 00

### **TYPICAL DATA**

Density at 15°C, kg/L	0.865
Viscosity, Kinematic, cSt at 40°C	132
Viscosity, Kinematic, cSt at 100°C	19.2
Viscosity Index	165
Cold Cranking Viscosity, cP at -25°C	6431
Ca content, Mass %	0.363
Zinc, Mass %	0.109
Phosphorus, Mass %	0.099
Sulphated Ash, Mass %	1.40
Total Base Number (TBN)	11.1