



PENRITE



85% REDUCTION
IN LANDFILL
WASTE

HPR DIESEL 5 5W-40 (Semi Syn.)

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PRODUCT CODE	PACK SIZE	CARTON QTY
HPRD5001	1L	6
HPRD5005	5L	4
HPRD5007	7L	
HPRD5010	10L	
HPRD5020	20L	
HPRD5020BOX	20L	
HPRD5060	60L	
HPRD5205	205L	



PRODUCT BENEFITS

HPR Diesel 5 is a premium high performance semi synthetic SAE 5W-40, 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 increased dispersant levels and low shear viscosity modifiers. It protects against corrosion, oil oxidation and sludge under all operating conditions.

APPLICATION

HPR Diesel 5 is designed for use in modern 4, 6 & 8+ cylinder multi cam, multi valve (Including VVT), naturally aspirated, supercharged, turbocharged common rail and direct injection engines. It is also suitable for diesel engines that are equipped with hydraulically actuated injector units.

HPR Diesel 5 is recommended for use in vehicles where SAE 5W-30 or 5W-40 grade engine oils were originally recommended by the manufacturer. It can be used where fuel economy specifications ACEA A1/B1 (obsolete), ACEA A5/B5 and Global DLD-2 are specified in the owners hand book. It can also be used where API CI-4 / CI-4 Plus, Global DLD-2 / DLD-3 is required and where ACEA A3/B3, ACEA A3/B4 or ACEA E7 is recommended in model years prior to 2017. It is suitable for use in many older Diesel and LPG powered vehicles requiring an engine oil meeting API CH-4, CG-4, CF-4 or older specifications. It is also suitable for use where Ford specification M2C913-A/B/C is required for out of warranty service.

HPR Diesel 5 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. We recommend checking the recommendation guide for the correct grade and specification.

VEHICLE & FUEL TYPES

HPR Diesel 5 is suitable for use in diesel engines in passenger cars, motorcycles, 4WDs, light & heavy duty commercial engines in trucks, tractors, agricultural & earthmoving equipment as well as industrial equipment such as fork lifts & stationary engines. It can be used with Diesel & Petrol/E10/LPG (Dual Fuel). Suitable for petrol and LPG engines as a mixed fleet oil and can be used in motorcycles with wet clutches.

EXTRA TEN TECHNOLOGY

HPR DIESEL 5 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: 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** provides an **EXTRA LAYER** of engine protection
- **FULL ZINC** additive package for superior engine wear protection
- **GREATER** engine protection than 5W-30 grade oils
- Minimises sludge formation
- Less oil consumption compared to 5W-30 oils
- Reduces wear by controlling soot deposits
- Longer engine life
- Reduced high temperature engine deposits
- Longer oil life
- Reduces wear due to advanced base oils
- Better start up protection
- Can be used in both Diesel & LPG engines
- Suitable for hydraulically actuated injectors
- Safe for wet clutch motorcycles

PRODUCT PERFORMANCE LEVELS

- ACEA A3/B4 (PRIOR TO 2017)
- ACEA E7 (PRIOR TO 2017)
- API CG-4
- API CH-4
- API CI-4
- API CI-4 PLUS/SL
- Ford M2C153-H
- Ford M2C171-C
- Ford M2C912-A1
- Ford M2C913-A
- Ford M2C913-B
- Ford WSS-M2C913-A
- Ford WSS-M2C913-B
- Global DLD-2
- Global DLD-3
- JASO DH-1
- MB 228.3.
- Opel B 040 2098
- Peugeot PSA D-02
- VW 502 00
- VW 505 00

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

- Ford M2C913-C
- Ford WSS-M2C913-C

TYPICAL DATA

Density at 15°C, kg/L	0.856
Viscosity, Kinematic, cSt at 40°C	89
Viscosity, Kinematic, cSt at 100°C	14.8
Viscosity Index	180
Cold Cranking Viscosity, cP at -30°C	5594
Ca content, Mass %	0.363
Zinc, Mass %	0.109
Phosphorus, Mass %	0.099
Sulphated Ash, Mass %	1.4
Total Base Number (TBN)	11.1