Product Information

HPR DIESEL 5

Codes: HPRD5010, HPRD5020, HPRD5060, HPRD5205
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Penrite HPR Diesel 5 is a premium quality semi-synthetic SAE 5W-40 diesel engine oil. In addition, the combination of high technology additives and proven extra dispersant, low shear rate viscosity modifiers, ensures additional protection against wear, corrosion, oil oxidation and sludge build up under tough Australian Conditions.

Penrite HPR Diesel 5 meets the requirements of API CI-4/SL and the European Standards ACEA A3/B4 as well as many manufacturers' specifications.

Application

Designed for use in latest generation light duty diesel engines including the new generation of common rail and hydraulically actuated injector equipped units. Specific examples include BMW Td6, Hyundai Terracan, Land Rover Td5, Range Rover Td6 and Holden Jackaroo 3.0L diesel engines.

HPR Diesel 5 can be used in diesel engines where SAE 5W-30, 5W-40, 10W-30 or 10W-40 grades and/or the following fuel economy specifications ACEA A1/B1, A5/B5 and Global DLD-2 are specified in the owner's handbook. May also be used in four-stroke motorcycle engines and in petrol engines as a mixed-fleet oil.

Note: for engines equipped with DPFs (diesel particulate filters) please use Penrite Enviro Plus.

Customer Benefits

- Greater engine protection at operating temperatures compared to 5W-30 oils due to higher operating viscosity.
- Longer engine life by reducing formation of high temperature engine deposits.
- Longer oil life and less oil consumption versus similar man-made synthetic oils due to the use of advanced hydroprocessed and synthetic base oils.
- Reduces wear by controlling soot deposits.
- Low start-up viscosity provides engine protection and power/fuel economy retention at the most critical time of the engines run cycle.
- Low start-up viscosity allows easy starting in hydraulically actuated injector equipped engines.

Industry Specifications

Penrite HPR Diesel 5 meets the performance requirements of:

API CI-4/SL
Mercedes Benz 229.3
Opel B040 2098
Global DLD-3/DLD-2
Peugeot D-02

ACEA A3/B4 (Europe)
VW 505.00
Ford M2C153-G/H, M2C171-C
Ford M2C-913-B

Typical Properties

Density at 15°C, kg/L	0.857
Viscosity, Kinematic, cSt	
at 40°C	95
at 100°C	15.3
Viscosity Index	171
Cold Cranking Viscosity, cP at -30°C	6086
Zinc, Mass %	0.122
Phosphorus, Mass %	0.110
Sulphated Ash, mass %	1.22
Base Number, mass %	9.4

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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.