HPR Diesel 10

Semi Synthetic 10W-40 Engine Oil

Issue: June 2016

Product Code	Pack Size	Ctn / Qty
HPRD10001	1 Litre	6
HPRD10005	5 Litre	4
HPRD10010	10 Litre	1
HPRD10020	20 Litre	1
HPRD10060	60 Litre	1
HPRD10205	205 Litre	1

Product Description

HPR Diesel 10 is a premium high performance semi synthetic SAE 10W-40, non-friction modified engine oil. Contains a **DOUBLE LAYER** of engine wear protection with **FULL ZINC** and Penrite's 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.

HPR Diesel 10 meets the requirements of API CI-4 PLUS/SL and ACEA A3/B4/E7 as well as many manufacturers' requirements

Application

HPR Diesel 10 is designed for use in modern 4, 6 & 8+ cylinder multi cam, multi valve (Including VVT), naturally aspirated, supercharged, turbocharged common rail, direct injection engines.

HPR Diesel 10 features Penrite's Extra Ten technology that provides better wear protection, oil pressure and reduced oil consumption at operating temperature. It can be used where SAE 10W-30 & SAE10W-40 grade oils were originally recommended by the manufacturer.

HPR Diesel 10 is also suitable for use in petrol and LPG engines as a mixed fleet oil.

HPR Diesel 10 is suitable for motorcycles with wet clutches

HPR Diesel 10 is **NOT** suitable for vehicles fitted with a DPF (Diesel Particulate Filter) that require a low SAPS engine oil. Penrite **Enviro+** engine oils should be used on vehicles fitted with a DPF. We recommend checking the recommendation guide for the correct grade and specification.

Vehicle & Fuel Types

HPR Diesel 10 is suitable for use in diesel engines in passenger cars, motorcycles, 4WD's, light & heavy duty commercial engines in trucks, tractors, agricultural & earthmoving equipment as well as industrial equipment such as fork lifts & stationary engines. It is suitable for use with Diesel & Petrol/E10/LPG (Dual Fuel)

Product Benefits

- **EXTRA TEN** technology offers the same engine wear protection at start up, but offers an extra layer of protection under all driving conditions compared to SAE 10W-30 engine oils.
- **FULL ZINC** anti-wear additive package for ultimate engine wear protection
- Reduces oil consumption and maintains oil pressure
- Protects against corrosion, oil oxidation and engine sludge
- Reduces wear by controlling soot deposits

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Industry Specifications

API CI-4 PLUS/SL
ACEA A3/B4/E7
Global DLD-2/DLD-3
JASO DH-1

Manufacturer Specifications

MB 228.3/229.3
Opel B040 2098
Peugeot PSA D-02
VW 502.00/505.00
Ford M2C153-H/171-C

Typical Data

Density at 15°C, kg/L	0.867
Viscosity, Kinematic, cSt	
at 40°C	124
at 100°C	15.7
Viscosity Index	133
Cold Cranking Viscosity, cP at -25°C	5433
CA content, Mass %	0.339
Zinc, Mass %	0.122
Phosphorus, Mass %	0.110
Sulphated Ash, mass %	1.34
Mo content, mass %	0.012
Base Number	10.7
NOAK Volatility, % mass	10
Flash Point ºC	220

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. An MSDS is available on request.

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