



HPR Diesel 15 15W-50

Semi Synthetic Engine Oil

Issue: June 2013

PENRITE

Product Code	Pack Size	Ctn / Qty
HPRD15001	1 Litre	6
HPRD15005	5 Litre	4
HPRD15010	10 Litre	1
HPRD15020	20 Litre	1
HPRD15060	60 Litre	1
HPRD15205	205 Litre	1



Product Description

HPR Diesel 15 is a premium high performance semi synthetic SAE 15W-50, 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 15 meets the requirements of API CI-4 Plus/SL and ACEA A3/B4/E7 as well as many manufacturers' requirements

Application

HPR Diesel 15 is designed for use in 4, 6 & 8+ cylinder multi cam, naturally aspirated, supercharged, turbocharged common rail & direct injection diesel engines.

HPR Diesel 15 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 15W-40 & SAE 20W-40 grade oils were originally recommended by the manufacturer.

HPR Diesel 15 is also suitable for use in petrol and LPG engines as a mixed fleet oil.

HPR Diesel 15 is suitable for motorcycles with wet clutches

HPR Diesel 15 is not suitable for vehicles fitted with a DPF (Diesel Particulate Filter)

Vehicle Types

HPR Diesel 15 is suitable for use in diesel engines in cars, 4WD's, light & heavy duty commercial engines in trucks, tractors, agricultural & earthmoving equipment as well as industrial equipment such as fork lifts & stationary engines

Fuel types

HPR Diesel 15 is suitable for use with Diesel & Petrol/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 15W-40 & 20W-40 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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PENRITE

Industry Specifications

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

Manufacturer Specifications

Ford M2C171-C/153-F/153-G
Peugeot PSA D-02
MTU Type 2
Mack EO-N Premium Plus 03
Renault RLD-2

VW 505.00
Deutz DQC-11-05
Cummins CES 20078
MAN 3275

MB 228.3/229.3
Caterpillar ECF-1-a
Volvo VDS-3
Allison C4

Typical Data

Density at 15°C, kg/L		0.872	
Viscosity, Kinematic, cSt			
at 40°C		166	
at 100°C		19.7	
Viscosity Index		137	
Cold Cranking Viscosity, cP at -20°C			5,809
Zinc, mass %		0.122	
Phosphorus, mass %		0.110	
Sulphated Ash, mass %	1.34		
Base Number		10.7	

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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