



# HPR

## HPR Diesel 15

**Semi Synthetic 15W-50 Engine Oil**

Issue: November 2016

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 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) 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 15** is suitable for use in diesel engines in 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/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



# PENRITE



**PENRITE OIL COMPANY PTY LTD**, 88 Lewis Road, Wantirna South  
 Victoria AUSTRALIA 3152, ABN 25 005 001 525  
 Enquiries: Phone 1300-PENRITE (1300 736 748)  
 Fax: 1800-PENRITE (1800 736 748)  
 International: Phone: 61 3 9801 0877, Fax: 61 3 9801 0977  
 New Zealand Ph: 0800 533 698, Fax: 0508 736 748  
 United Kingdom and EU Ph: +44 (0) 1594 562357, Fax: +44 (0) 1594 564234  
 Website: www.penriteoil.com, Email: penrite@penriteoil.com

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### Industry Specifications

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

### 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  
VW 502 00

MB 228.3  
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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