



# ENVIRO+™

## ENVIRO+ HD 5W-30

### Full Synthetic Diesel Engine Oil

Issue: March 2016

Product Code	Pack Size	Ctn / Qty
EPLUSHD5W30020	20 Litre	1
EPLUSHD5W30205	205 Litre	1

### Description

**Enviro+ HD 5W-30** is a highly advanced, low viscosity, heavy duty, full synthetic, extended drain, ultra high performance diesel (UHPD) engine oil. It is formulated with the highest standard synthetic base oil and advanced additives to ensure protection against wear, corrosion, oil oxidation and sludge.

**Enviro+ HD 5W-30** meets **Mercedes Benz, Renault, Volvo, Mack, MAN, Cummins** and many other manufacturer specifications as well as API CJ-4 and ACEA E4/E6/E7/E9 industry specifications.

### Application

**Enviro+ HD 5W-30** is primarily designed for use in modern four-stroke, low emission, naturally aspirated and turbocharged, light and heavy duty diesel engines including those with extended drain intervals of up to **100,000km** in accordance with the OEM operating conditions.

**Enviro+ HD 5W-30** meets the requirements of ACEA E4/E6/E7/E9, and API CJ-4 and can be used where previous API specifications are recommended. It is designed for use in new engines requiring low viscosity, fuel efficient engine oils such as in latest model Mercedes Benz trucks.

**Enviro+ HD 5W-30** is suitable for use in the latest Euro IV and Euro V emissions European diesel engines including those that use SCR (Selective Catalytic Reduction) emissions systems along with those fitted with or without DPFs (Diesel Particulate Filters). Also suitable for use in normal or cooled EGR (Exhaust Gas Recirculation) systems. Some of these engines also use **Penrite Penblue** as a part of their emission control systems.

**Enviro+ HD 5W-30** meets many OEM specifications such as for **Mercedes Benz, Renault, Volvo, Mack, MAN, Cummins** for heavy duty engine use. It is also suitable for Mercedes Benz light commercial and passenger car diesel engines where MB 228.31 or 228.51 oils are specified in the handbook. It can also be used in other light commercial and passenger cars if a full synthetic, SAE 5W-30 diesel engine oil is required or specified by the manufacturer. Suitable for use in new construction, mining and agricultural equipment where a low viscosity diesel engine oil is required. It is **NOT** recommended for use in motorcycles.



PENRITE

### Product Benefits

- Maximises Diesel Particulate Filter life and engine performance
- Suitable for SCR and EGR systems
- Fuel efficient, heavy duty diesel engine oil
- Extended oil drains of up to **100,000km**, reducing overall cost of ownership
- Controls oil consumption through use of low volatility, hydro-processed synthetic base oils
- Provides ideal wear, bore polish and deposit protection
- Effective dispersant additives keep soot in suspension, reducing wear



**PENRITE OIL COMPANY PTY LTD**, 88 Lewis Road, Wantirna South  
 Victoria AUSTRALIA 3152, ABN 25 005 001 525  
 Enquiries: Phone 1300-PENRITE (1300 736 7483)  
 Fax: 1800-PENRITE (1800 736 7483)  
 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](http://www.penriteoil.com), Email: [penrite@penriteoil.com](mailto:penrite@penriteoil.com)

**PROUDLY AUSTRALIAN  
 FAMILY OWNED  
 SINCE 1926**





## Industry Specifications

API CJ-4  
Cummins CES 20081  
Ford WSS-M2C171-E  
Mercedes MB 228.31/228.51  
Volvo VDS-4

ACEA E4/E6/E7/E9  
Detroit Diesel 93K218  
Mack EO-O Premium Plus  
MTU Category 3.1 (Pending)

Caterpillar ECF-3  
Deutz DQC IV-10 LA  
MAN M3477/M3575/M3271-1  
Renault RLD-3

## Typical Data

Density at 15°C, kg/L	0.864
Viscosity, Kinematic, cSt	
at 40°C	70.4
at 100°C	12.2
Viscosity Index	172
Viscosity, Cold Cranking, cP @ -25°C	6,571
Phosphorus, mass %	0.081
Zinc, mass %	0.088
Sulphated Ash, Mass %	1.0
Base Number	12.9

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.

# 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 7483)  
Fax: 1800-PENRITE (1800 736 7483)  
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](http://www.penriteoil.com), Email: [penrite@penriteoil.com](mailto:penrite@penriteoil.com)

**PROUDLY AUSTRALIAN  
FAMILY OWNED  
SINCE 1926**

