

## Product Information VM.10.09

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### VatOil SHPD Plus 15W-40

#### Description

SHPD Plus 15W-40 is a Super High Performance Diesel engine oil. The advanced additive system is designed to keep the engine clean and to prevent wear. This product guarantees a long engine life with maximum performance. Properties:

- Adjusted to the latest EURO 4 Emission standards
- Suitable for extended oil change intervals
- Can safely be used in combination with SCR and EGR (NOT DPF)
- Cleaner emissions, 'Mid-SAPS' oil, suitable for low sulphur fuels

#### Application

SHPD Plus 15W-40 is suitable for Heavy Duty, turbocharged diesel engines of trucks, buses, for marine and industrial use. The product is formulated to meet the long oil change interval recommendations of leading manufacturers. Recommended and approved by many major OEM's. Always check the product recommendation database for the right application.

#### Specifications

ACEA E7

API CI-4 / SL

DTFR 15B110 (228.3)

Deutz DQC III-18

Mack EO-N, Renault VI RLD-2

Volvo VDS-3

Cat ECF-1-a / ECF-2

Cummins CES 20077 / 20078

Detroit Diesel 93K215

Global DHD-1

JASO DH-1

Mack EO-M Plus

MAN M 3275-1

MB 228.3

MTU Type 2

Allison C3, CAT TO-2

ZF 04C / 04P / 07C / 07D / 21K

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**Typicals**

Density at 15 °C, kg/l	0,875
Viscosity -20 °C, mPa.s	6300
Viscosity 40 °C, mm <sup>2</sup> /s	115,00
Viscosity 100 °C, mm <sup>2</sup> /s	15,10
Viscosity Index	136
Flash Point COC, °C	230
Pour Point, °C	-36
Total Base Number, mgKOH/g	11,1
Acid number, mgKOH/g	4,33
Sulphate Ash, %	1,43

**Available packagings**50647  
5 L can50064  
20 L can50066  
60 L drum50067  
210 L drum