

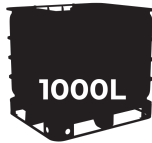
## EMPROTEC VHPD 10W-30 FE

**Product Code:** HDD048 | **Revision:** 20240819



Fuel-efficient heavy duty diesel engine oil.

### Available Pack Sizes



### Applications

Specially formulated with optimised additive technology and hydro-processed base oils to deliver a high-performance and ultra fuel-efficient lubricant. Designed to provide superb oxidation resistance and thermal stability for extended drain capabilities. Excellent dispersant and detergent properties prevent the formation of sludge and reduces high temperature deposits on pistons and turbochargers. Synergistically combines our specialist Adaptive Molecular Technology to optimise the power and efficiency of your vehicle, helping maintain peak reliability to ensure maximum performance and emission compliance.

Recommended by Aztec Oils as suitable for the following applications

API SN/FA-4  
Cummins CES 20087  
Daimler Trucks DTFR 15C130 (MB 228.61)  
Detroit Diesel DDC 93K223  
JASO DH-2

### Benefits

- Developed to provide greater potential fuel economy benefits than typical SAE 10W-30 lubricants.
- Excellent stability offering consistent long-term performance.
- Exceptional low and high temperature performance.
- Extended drain capabilities.
- Increased protection against wear and corrosion.
- Low HTHS provides a fuel economy improvement.
- Low volatility providing reduced oil consumption and emissions.
- Maintains very high levels of engine cleanliness.

### Typical Test Data

Appearance		Clear & bright, amber
Density @ 15°C (kg/m <sup>3</sup> )	ASTM D4052	0.86
Flash Point (°C)	ASTM D92	220
HTHS Viscosity (mPa.s)	CEC L-36-90	3.2
Kinematic Viscosity @ 100°C (mm <sup>2</sup> /s)	ASTM D445	10.2
Pour Point (°C)	ASTM D97	-45
Sulphated Ash (%)	ASTM D874	1
Total Base Number (mg KOH/g)	ASTM D2896	10
Viscosity Index	ASTM D2207	135

The typical test data provided is taken from average values, there will be some variability in production and therefore do not constitute a specification.

### Health, Safety & Recommendations

In line with our policy of continued improvement, Aztec Oils reserve the right to change specifications and availability without prior notice. This product, used according to our recommendations and for its designed application, does not represent any particular risk. The information present in this technical data sheet is indicative of the product and is given in good faith, but should not form part of any specification.

### Health, Safety & Recommendations

- A Safety Data Sheet is available for consultation at [www.aztecoils.co.uk](http://www.aztecoils.co.uk).
- Before using this product, the vehicles maintenance guide should be checked and oil changes must be carried out in accordance with the manufacturers' recommendations.
- Packaging should not be left exposed to elements and drums should be laid horizontally to prevent contamination.
- This product should not be stored at temperatures over 60°C, kept out of direct sunlight, protected from frost and fluctuations in temperature.
- When disposing of the product after use, please protect the environment and comply with local regulations.

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