

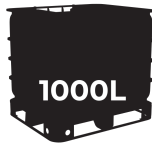
## EMPROTEC ULTRA 5W-30 LA

Product Code: HDD045 | Revision: 20240819



A superior low ash and fuel efficient heavy duty diesel engine oil, E8, E11.

### Available Pack Sizes



### Applications

A highly advanced and fuel efficient heavy duty diesel engine oil manufactured from superior quality synthetic base oils and the latest additive technology which offers exceptional protection against engine wear, oxidation degradation and engine cleanliness. 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

ACEA E7/E8/E11  
API SN/CK-4  
Caterpillar ECF-3  
Cummins CES 20086  
DAF PSQL 2.1E-LD  
Daimler Trucks DTFR 15C120 (MB 228.52)  
Daimler Trucks DTFR 15C110 (MB 228.51)  
Daimler Trucks DTFR 15C100 (MB 228.31)  
Detroit Diesel DDC 93K222  
Deutz DQC IV-18 LA  
Ford WSS-M2C213-A1  
JASO DH-2  
MACK EOS-4.5  
MAN M 3775  
MTU Type 3.1  
Renault Trucks RLD-3  
Scania LDF-4  
Volvo VDS-4.5\*

Suitable for IVECO 18-1804 TLS E9  
\*Can be used where Volvo VDS-5 is required with the exception of potential fuel economy benefits.  
\*\*Recommended for use where ACEA E6 or E9 specifications are required.

### Benefits

- Excellent stability offering consistent long-term performance.
- Exceptional low and high temperature performance.
- Extended drain capabilities.
- Ideal choice for mixed fleet vehicles with Euro V/VI, Tier 4i/4f or Stage 4/5 emission standards.
- Increased protection against wear and corrosion.
- Low volatility providing reduced oil consumption and emissions.
- Provides an improvement in fuel economy of up to 1%.
- Maintains very high levels of engine cleanliness.
- Suitable for engines with or without exhaust aftertreatment devices.

### Typical Test Data

Appearance

Clear & bright, amber

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.

Density @ 15°C (kg/m <sup>3</sup> )	ASTM D4052	0.85
Flash Point (°C)	ASTM D92	220
HTHS Viscosity (mPa.s)	CEC L-36-90	3.6
Kinematic Viscosity @ 40°C (mm <sup>2</sup> /s)	ASTM D445	70
Kinematic Viscosity @ 100°C (mm <sup>2</sup> /s)	ASTM D445	12
Pour Point (°C)	ASTM D97	-42
Sulphated Ash (%)	ASTM D874	=1.0
Total Base Number (mg KOH/g)	ASTM D2896	10
Viscosity Index	ASTM D2207	167

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

- 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.
- \*Volvo VDS-5 is not an exclusive requirement; all engines, including the 13L Euro VI Step D, can use VDS-4 and VDS-4.5 qualities. - Volvo/UEIL, 10.2020\*

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