

## Better engine oils 💻 Power to protect. Power to perform.



### **TOP SUPREME DUTY XLE 10W/30**

PRODUCT CODE: TO1531

#### TOP SUPREME DUTY XLE 10W/30

A premium mid ash engine oil designed to meet the lubrication requirements of the latest heavy duty diesel engines with sensitive emission control devices. This highperformance lubricant has been formulated using high quality base oils, premium additive technology and incorporates our specialist Adaptive Molecular Technology to optimise the power and efficiency of your fleet. Helping maintain peak reliability, ensure maximum performance and emission compliance in trucks, buses, coaches, agricultural and on or off-highway vehicles.

#### **BENEFITS**

- Enhanced resistance to aeration and oxidation.
- Ideal choice for mixed fleet vehicles with Euro V/VI, Tier
- 4i/4f or Stage 4 emission standards.
- Offers improved wear protection and resistance to
- Corrosion.
- Powerful dispersant and detergent technology offers
- Improved protection against piston and turbocharger
- Deposits.
- Suitable for engines with or without exhaust aftertreatment devices.

#### **Exceeds the following performance requirements:**

- ACEA E11/E9/E7
- API SN/CK-4
- Caterpillar ECF-3
- Cummins CES 20086, CES 20081
- DAF E9
- Daimler Trucks DTFR 15C100 (MB 228.31)
- Detroit DFS 93K222
- Deutz DQC III-18 LA
- **IVECO TLS E9**
- JASO DH-2
- Mack EO-O Premium Plus
- MAN M 3775 MTU Type 2.1
- Renault Trucks RLD-3
- Volvo VDS-4.5







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#### **TYPICAL ANALYSIS:**

Appearance		Clear & bright, amber
Density @ 15°C (kg/m³)	ASTM D4052	0.870
Flash Point (°C)	ASTM D92	210
Kinematic Viscosity @ 40°C (mm²/s)	ASTM D445	78
Kinematic Viscosity @ 100°C (mm²/s)	ASTM D445	12
Pour Point (°C)	ASTM D97	-40
Sulphated Ash (%)	ASTM D874	1.0
Total Base Number (mg KOH/g)	ASTM D2896	10
Viscosity Index	ASTM D2207	149





