



Ursa[®] Premium TDS SAE 10W-40

High performance synthetic heavy duty diesel engine lubricant

Product description

Ursa Premium TDS SAE 10W-40 is a high performance synthetic heavy duty diesel engine lubricant designed to conform to current ACEA requirements and the more challenging OEM specifications, including Scania LDF3 for latest technology Euro VI engines.

Ursa Premium TDS SAE 10W-40 is formulated with premium quality base stocks, in combination with high performance additive technology designed to deliver reliable cold temperature performance, robust deposit control and long drain performance.

Customer benefits

- Suitable for Scania Euro VI applications and backwards compatible from Euro VI to Euro II, helping reduce inventories and complexity
- Suitable for use in transcontinental fleet operations, offering performance and protection under regional fuel quality variations, including biodiesel
- High performance TBN retention aids protection against acid build-up and corrosive wear, contributing to greater EGR protection
- Formulated to offer robust deposit control, promoting dependable hardware protection and optimum uptime
- Reliable long-life cold start protection and performance with total-life fuel economy offers reduced downtime and costs

Applications

- Formulated for use in naturally aspirated and turbocharged diesel engines operating internationally with long drain intervals
- Meets latest Scania LDF3 requirements for Euro VI engines and is also backwards compatible from Euro VI to Euro II

Product highlights

- **Suitable for Scania Euro VI and backwards compatibility from Euro VI to Euro II**
- **Suitable for use in transcontinental fleet operations**
- **High performance TBN retention**
- **Robust deposit control**
- **Promotes cold start protection and fuel economy**

Selected specification standards include:

ACEA	API
DAF	Deutz
Mack	MAN
Mercedes Benz	Renault
Scania	Volvo

Approvals, performance and recommendations

Approvals

- Mack EO-N
- MAN M3277
- Renault VI RLD-2
- Mercedes Benz MB-Approval 228.5
- Scania LDF-2, LDF-3
- Volvo VDS-3

Performance

- ACEA E4, E7
- API CF
- Deutz DQC III-10

Recommendations

Suitable for use in applications requiring:

- Renault VI RD, RD-2, RXD and RLD
- Volvo VDS-2
- DAF Extended drain (Euro III and IV engines)

Typical test data		
Test	Test methods	Results
Viscosity Grade		SAE 10W-40
Shelf Life: 60 months from date of filling indicated on the product label		
Density at 15°C, kg/l	ASTM D4052	0.866
Kinematic viscosity, 40°C, mm ² /s	ASTM D445	89.7
Kinematic viscosity, 100°C, mm ² /s	ASTM D445	13.6
Viscosity Index	ASTM D2270	152
Pour point, °C	ASTM D5950	-38
Flash point, °C	ASTM D92	236
Total Base Number, mg KOH/g	ASTM D2896	15.9
Sulphated Ash, %wt	ASTM D874	1.80

The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved. This supersedes all previous editions and information contained in them.

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