



Ursa[®] Premium TD SAE 10W-40

Proven performance ISOSYN[®] synthetic group II
blend diesel engine lubricant

Product description

Ursa Premium TD SAE 10W-40 is a proven performance ISOSYN[®] synthetic group II blend diesel engine oil, formulated for reliable stay-in-grade performance in Euro I, II, III, IV and V diesel engines.

Ursa Premium TD SAE 10W-40 is formulated with premium group II base oils, synthetic base oils and a high quality additive package designed to offer reliable long-drain* protection against soot, deposits and wear under severe operating conditions. Ursa Premium TD SAE 10W-40 is designed for use in many exhaust gas recirculation (EGR) engines, and also those with selective catalytic reduction systems as well as those without diesel particulate filters (DPF).

Customer benefits

- Formulated to offer low temperature sludge protection and high temperature oxidation and piston deposit formation resistance
- Detergency performance and acid control help maintain reliability, by preventing engine and bearing corrosion
- Promotes extended engine service life by protecting against wear and bore polishing
- Offers soot related wear and deposit formation protection, preventing excessive viscosity increase, filter plugging, optimising uptime

Product highlights

- **Offers low temperature sludge and high temperature deposit resistance**
- **Engine and bearing corrosion protection**
- **Promotes protection against wear and bore polishing**
- **Designed to protect against deposits and filter plugging**

Selected specification standards include:

ACEA	Allison
API	Cummins
DAF	Detroit Diesel
Deutz	Global
JASO	Mack
MAN	Mercedes Benz
MTU	Renault VI
Volvo	

* Recommendations may differ between engine manufacturers so Drivers Manuals and/or Dealers should be consulted if in doubt.

Applications

- Formulated for use in naturally aspirated and turbocharged diesel engine operations with or without inter-cooling in trucks, buses, light commercial vehicles (LCV), off-road vehicles, construction equipment, agricultural vehicles and marine diesel engines
- Designed to provide good performance in most exhaust gas recirculation (EGR) engines, in most engines fitted with selective catalytic reduction (SCR) and engines without diesel particulate filter (DPF) after treatment systems

Approvals, performance and recommendations

Approvals

Cummins	CES 20078
Detroit Diesel	DDC 93K215
Deutz	DQC III-10
Mack	EO-N
MAN	M3275-1
Mercedes Benz	MB-Approval 228.3 MB-Approval 229.1
MTU	category 2
Renault	VI RLD-2
Volvo	VDS-3

Performance

ACEA	E7, A3/B4
API	CI-4
Allison	C4
Cummins	CES 20071, CES 20072 CES 20076, CES 20077
JASO	DH-1
Global	DHD-1

Recommendations

Ursa Premium TD SAE 10W-40 is suitable for use in applications requiring:

- DAF (Euro II and III engines)
- Renault VI RD, RD-2, RLD and Volvo VDS-2

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	0.870
Kinematic viscosity at 40°C, mm ² /s	ASTM D445	100.7
Kinematic viscosity at 100°C, mm ² /s	ASTM D445	14.9
Viscosity Index	ASTM D2270	155
Pour point, °C	ASTM D5950	-43
Flash point COC, °C	ASTM D92	224
Sulphated Ash, %wt	ASTM D874	1.5

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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Health, safety, storage and environmental Based on current available information, this product is not expected to produce adverse effects on health when used for the intended application and in accordance with the recommendations provided in the Material Safety Data Sheet (MSDS). MSDS's are available upon request through your local sales office, or via the Internet. This product should not be used for purposes other than its intended use. When disposing of used product, take care to protect the environment and follow local legislation.

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