



Ursa[®] Premium TD

Proven performance diesel engine oil

Product description

Ursa Premium TD is a proven performance, stable, stay-in-grade diesel engine oil. It is a mineral based (15W-40 and 20W-50) and part synthetic (10W-40) formulation in combination with an additive system designed to offer long drain performance*, good soot and deposit protection, along with dependable wear resistance under severe operating conditions.

Ursa Premium TD is designed for use in Euro I, II, III, IV and V diesel engines and is suitable for use in many engines with exhaust gas recycling (EGR) systems and a range of engines fitted with selective catalytic reduction (SCR) systems along with vehicles without diesel particulate filters (DPFs).

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

Customer benefits

- **Enhanced engine efficiency** — offers resistance to low temperature sludge, high temperature oxidation and piston deposits
- **Maintains reliability** — helps prevent engine and bearing corrosion and wear through detergency performance and acid control
- **Maximum engine life** — promotes dependable protection against engine wear and bore polishing, increasing uptime
- **Reduced maintenance costs** — efficient soot dispersion helps prevent unscheduled maintenance downtime, reducing costs
- **Reliability** — offers soot related wear and deposit prevention, and promotes reduced viscosity increase and filter plugging

Product highlights

- **Enhanced engine efficiency**
- **Maintains reliability**
- **Maximum engine life**
- **Reduced maintenance costs**

Selected specification standards include:

ACEA	API
Caterpillar	Cummins
Daimler	Deutz
Mack	MAN
MTU	Renault Trucks
Volvo	

Applications

- Formulated for use in naturally aspirated and turbo-charged diesel engine applications with or without intercooling in trucks, busses, light commercial vehicles, off-road vehicles, construction equipment, agricultural vehicles and marine diesel engines
- Designed to provide good performance in many EGR engines, in most engines fitted with SCR and engines without DPF after treatment systems

Approvals, performance and recommendations

Approvals

- Deutz DQC III-10
- Mack EO-N
- Renault Trucks RLD-2
- Volvo VDS-3

Performance

SAE 10W-40 and 15W-40

- ACEA E7
- API CI-4/SL
- Caterpillar ECF2
- Cummins CES 20076, CES 20077
- Daimler MB-approval 228.3
- MAN M3275-1
- MTU Oil category 2

SAE 20W-50

- ACEA E7
- API CH-4/SL

Recommendations

- Ursa Premium TD 20W-50 is suitable for use for MB 228.3 and MAN 3275-1 applications

Typical test data				
Test	Test Methods	Results		
Viscosity Grade		10W-40	15W-40	20W-50
Product Code		02967.2	02968.2	02969.1
Density at 15 °C, kg/l	ASTM D4052	0.874	0.887	0.894
Viscosity, Kinematic at 40 °C, mm²/s	ASTM D445	93.7	102.4	165.3
Viscosity, Kinematic at 100 °C, mm²/s	ASTM D445	13.5	14.1	18.5
Viscosity Index	ASTM D2270	145	140	126
Pour Point, °C	ASTM D97	-36	-28	-36
Flash Point COC, °C	ASTM D92	215	226	238
Sulphated Ash, %wt	ASTM D874	1.3	1.5	1.3

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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