



Ursa[®] Premium TDX (E4)

High performance part-synthetic diesel engine lubricant

Product description

Ursa Premium TDX (E4) is a high performance part-synthetic diesel engine lubricant designed to meet current ACEA requirements and meet the more challenging OEM specifications for Euro IV and V engines.

Ursa Premium TDX (E4) is formulated with part-synthetic base stocks in combination with a high performance additive system designed to provide robust shear stable and reliable long drain performance.

Customer benefits

- **Promotes trans-continental fleet protection** — offers sustained performance and protection under regional fuel quality variations
- **Extended drain intervals** — contributes optimum extended drain engine protection, performance and equipment uptime
- **Aids engine and bearing protection** — dependable acid control offers reduced maintenance downtime and costs
- **Keep-clean engine performance** — dependable deposit control helps maintain engine protection and performance
- **Wear resistance** — formulated to offer high performance wear resistance and bore polishing protection
- **High temperature protection** — reliable oxidation resistance aids protection against high temperature oil thickening and downtime
- **Effective foam suppression** — anti-foam formulation helps maintain reliable, consistent engine lubrication with lower component wear

Product highlights

- **Trans-continental fleet protection**
- **Extended drain intervals**
- **Engine and bearing wear protection**
- **Keep-clean engine performance**
- **High temperature protection**

Selected specification standards include:

ACEA	API
Cummins	Daimler
Deutz	Mack
MAN	MTU
Renault	Scania
Volvo	

Applications

- Formulated for use in trucks that are not fitted with diesel particulate filters (DPFs) or continuously regenerating traps (CRTs); operating internationally on higher sulphur fuels over extended drain intervals
- Ursa Premium TDX (E4) is also recommended for use in other commercial and off-highway engines where manufacturers do not approve oils, but do publish performance requirements for service applications.

Users are advised to refer to manufacturers' recommendations for the correct oil drain interval.

Approvals, performance and recommendations

Approvals

- Cummins 20077/20078
- Daimler MB-approval 228.5
- Deutz DQC III-10
- Mack EO-M Plus, EO-N
- MAN 3277
- MTU Type 3
- Renault RLD-2, RXD
- Scania LDF-2
- Volvo VDS-3

Performance

- ACEA E4, E7
- API CI-4
- Cummins 20071/20072

Typical test data		
Test	Test Methods	Results
Viscosity Grade		10W-40
Product Code		002970.1
Density, 15 °C, kg/l	ASTM D4052	0.866
Viscosity, Kinematic at 40 °C, mm ² /s	ASTM D445	98.0
Viscosity, Kinematic at 100 °C, mm ² /s	ASTM D445	14.2
Viscosity Index	ASTM D2270	155
Pour Point, °C	ASTM D97	-30
Sulphated Ash, %wt	ASTM D874	1.60

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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