



Texaco Ursa® Super TD 10W-40

Super high performance part-synthetic diesel engine lubricant

Product Data Sheet



Customer benefits

Long-term engine protection

Texaco Ursa Super TD 10W-40 is a highly advanced part-synthetic heavy-duty lubricant designed to deliver exceptionally high performance and protection. This leading edge formulation features advanced design additive technologies providing maximum long-term wear protection, eliminating bore polishing and maximising engine power output. These highly advanced additives also deliver outstanding resistance to bearing corrosion in extremely arduous operating conditions.

Texaco Ursa Super TD 10W-40's part-synthetic base stock technology delivers ultimate high-durability oil film protection. This highly robust oil film maximises component surface protection under long-term heavy-duty operation, significantly improving engine performance and extending component service life in high-powered turbocharged diesel trucks and buses over extended oil drain periods.

Texaco Ursa Super TD 10W-40 is designed with highly durable viscosity index improvers, optimising long service lubricant reliability and long-term engine protection.

Surpassing very latest performance standards

Texaco Ursa Super TD 10W-40 satisfies the very latest ACEA and API performance standards, and meets and exceeds international OEM performance requirements for heavy-duty diesel engines.

This advanced, high-durability lubricant delivers exceptional keep-clean engine performance through advanced design detergency and dispersancy technologies. Texaco Ursa Super TD 10W-40 is extremely resistant to high temperature oxidation and deposit formation in demanding latest-generation close tolerance turbocharged and naturally aspirated diesel power units.

Delivering significantly extended oil drain periods, Texaco Ursa Super TD 10W-40 features excellent low-foam performance and delivers ultimate component protection as well as significantly improving engine performance and increasing engine service life.

Product features:

Texaco Ursa Super TD 10W-40 meets very latest ACEA and API performance requirements. It surpasses the stringent demands of heavy-duty OEMs worldwide for next generation high-durability oil film protection, delivering world-class part-synthetic wear and corrosion resistance in turbocharged diesel power units - over significantly extended operating periods.



Applications

- Recommended for use in naturally aspirated and turbocharged heavy-duty diesel truck and bus engines operating under a variety of conditions, where extended drain periods are required.

Recommendations and approvals

Texaco Ursa Super TD 10W-40 meets the following international diesel engine performance requirements:

- | | |
|----------------------------|---------------|
| • API | CF |
| | CF-4 |
| | CG-4 |
| | CH-4 |
| | CI-4 |
| | SL |
| • ACEA | A3/B3-04 |
| | A3/B4-04 |
| | E5-02 |
| | E7-04 |
| | A2-96 Issue 3 |
| | A3-02 |
| • Global (ACEA, API, JASO) | DHD-1 |

Manufacturers approvals

- | | | |
|-----------------|------------|-------------|
| • Caterpillar | CAT ECF-1a | Performance |
| • Cummins | CES 20076 | Active |
| | CES 20077 | Active |
| | CES 20078 | Active |
| • MB-Approval | 228.3 | Active |
| | 229.1 | Active |
| • Mack | EO-M Plus | Pending |
| • MAN | M3275 | Active |
| • Renault Truck | RLD-2 | Active |
| • Volvo Truck | VDS-3 | Active |



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continued

Product specifications

URSA SUPER TD 10W-40		
TYPICAL DATA		
TEST	TEST METHODS	RESULTS
Viscosity Grade		10W-40
Colour	ISO 2049	4.0
Density, 15 °C, kg/l	ASTM D4052	0.875
Visc, Kinematic, 40 °C, mm ² /s	ISO 3104	93.7
Visc, Kinematic, 100 °C, mm ² /s	ISO 3104	13.5
Viscosity Index	ISO 2909	145
HTHS, 150°C, mPa.s	CEC-L-36-A-90	3.9
Pour Point, °C	ISO 3016	-36
Flash Point COC, °C	ISO 2592	215
Noack volatility, %wt	CEC-L-40-A-93	12.0
Total Base Number, mg KOH/g	ISO 3771	10.5
Sulphated Ash, %wt	ASTM D0874	1.29

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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