



TEXACO URSA[®] PREMIUM TDX EC[™]

SAE 15W-40

CUSTOMER BENEFITS

"Partners in Performance"

Texaco Ursa[®] Premium TDX EC[™] SAE 15W-40 is uniquely formulated for new low emission engines with ULSD (2007 engines and beyond). It is also fully compatible with previous API Oil Service Categories and engine models.

Texaco Ursa Premium TDX EC SAE 15W-40 delivers value through:

- **Enhanced emission control system life** — Extends Diesel Particulate Filter (DPF) life for less frequent downtime and cleaning. Optimizes the exhaust gas recirculation system life decreasing your maintenance costs.
- **Reduced wear** — Prolongs component life and provides reduced maintenance costs.
- **Improved engine cleanliness** — Provides efficient operation and reduced fuel consumption.
- **Oil consumption control** — Controls wear and piston deposits resulting in reduced emissions.
- **Engine durability and long engine life** — Additives protect highly loaded parts from scuffing and wear.
- **Extensive field testing and service use** — A proven track record of meeting customer and OEM requirements.
- **Reduced inventory costs** — Texaco Ursa Premium TDX EC is backwards compatible and meets the engine performance requirements of North American and some European engine manufacturers. It allows users with a wide mix of engine brands to enjoy simplified inventory and dispensing systems that help save money, space, handling time, and avoid product misapplication.

FEATURES

Texaco Ursa Premium TDX EC SAE 15W-40 is designed for use in heavy duty turbo-charged diesel engines manufactured after January 1, 2007.

APPLICATIONS

Texaco Ursa Premium TDX EC SAE 15W-40 is recommended for four-stroke naturally aspirated, turbo-charged, and supercharged diesel engines with Diesel Particulate Filters and Exhaust Gas Recirculation or ACERT.

It is ideal for mixed commercial fleets, farm machinery, construction equipment, marine and other off-highway applications as it can also be used in four-stroke gasoline engines.

Texaco Ursa Premium TDX EC SAE 15W-40 can be used in powershift transmissions requiring Caterpillar TO-2 or Allison C4 fluids. It is also recommended for use in Caterpillar engines in off-highway or construction applications which require an API CJ-4 Service Category after January 1, 2007.

Texaco Ursa Premium TDX EC SAE 15W-40 meets:

- **API Service Categories**
 - CJ-4, CI-4 PLUS, CI-4, CH-4, CF
 - SM, SL
- **major diesel engine manufacturers' requirements**
 - **Caterpillar** ECF-3, ECF-2
 - **Cummins** CES 20081
 - **DDC** Power Guard 93K218
 - **Mack** EO-O Premium Plus 07
 - **Volvo** VDS-4

TYPICAL TEST DATA

| SAE Grade | 15W-40 |
|---|-------------|
| <i>Product Number</i> | 222275 |
| <i>MSDS Number</i> | 17510 |
| API Gravity | 29.1 |
| Viscosity, Kinematic cSt at 40°C cSt at 100°C | 128 15.8 |
| Viscosity, Cold Crank, °C/Poise | -20/64 |
| Viscosity Index | 130 |
| Flash Point, °C(°F) | 204(399) |
| Pour Point, °C(°F) | -30(-22) |
| Sulfated Ash, wt % | 1.0 |
| Base Number, ASTM D 2896 | 9.0 |
| Phosphorus, wt % | 0.12 |
| Sulfur, wt % | 0.32 |
| Zinc, wt % | 0.13 |

Typical test data are average values only. Minor variations which do not affect product performance are to be expected in normal manufacturing.