



TEXACO URSA[®] SUPER PLUS

SAE 10W-30

CUSTOMER BENEFITS

Texaco Ursa Super Plus SAE 10W-30 delivers value through:

- **One oil for all services**, both diesel and gasoline, minimizes the chance of misapplication.
- **Reduced inventory investment** — No need to maintain large inventory of oils to satisfy different manufacturers' requirements. Simplified inventory and dispensing systems save money.
- **Oil lasts longer between drains**— Good oxidation stability protects against oil thickening during manufacturers' recommended oil drain periods.
- **Vital engine parts are kept clean** as a result of high performance detergent and dispersant additives. Excellent deposit and sludge control is provided. Low sulfated ash level minimizes the oils' contribution to combustion chamber deposits, valve deposits, and stuck or broken rings.
- **Long engine life** resulting from additives that protect highly loaded parts from scuffing and wear.
- **Extensive field testing and service use** — This product has a proven track record of meeting customer and OEM requirements.
- **Extended filter life** — Whether in modern electronically controlled engines or older models, Texaco Ursa Super Plus oils help extend filter life by handling the soot that clogs filters and increases valve train wear.

FEATURES

Texaco Ursa Super Plus SAE 10W-30 is a premium quality, mixed fleet motor oil meeting the performance requirements of all naturally aspirated, turbocharged, and supercharged diesel engines in all types of service and all four-stroke gasoline engines.

This multipurpose engine oil is manufactured using selected high viscosity index base oils and additives that provide maximum protection against sludge, varnish, ash deposits, wear, oxidation, foam, corrosion, and rust.

It reduces deposit buildup resulting from high temperature engine operation, especially in the piston and ring area, combat varnish formation, and keep vital engine parts clean.

It flows readily at low temperatures for easier cold starting and less wear.

It also protects against corrosion and resists oxidation at high temperatures.

Texaco Ursa Super Plus oils utilize the latest technology to provide excellent performance in both new and older model engines, using normal or low sulfur diesel fuels.

APPLICATIONS

Texaco Ursa Super Plus SAE 10W-30 is recommended for four-stroke naturally aspirated, turbocharged, and supercharged diesel engines in all types of service.

It is ideal for mixed commercial fleets, farm machinery, construction equipment, marine and other off-highway applications.

It can also be used in four-stroke gasoline engines.

Texaco Ursa Super Plus SAE 10W-30 can be used in powershift transmissions requiring Caterpillar TO-2 or Allison C4 fluids.

Texaco Ursa Super Plus SAE 10W-30 meets:

- **API Service Categories**
 - CI-4, CH-4, CG-4, CF-4, CF, CE¹, CD¹
 - SL, SJ, SH¹, SG¹
- **ACEA European Oil Sequences**
 - E2-96
- **major diesel engine manufacturers' requirements**
 - Cummins CES 20078, 20076
 - DDC/MTU Series 2000/4000 Type 1
 - EMA LRG -1
 - MTU Category 1
 - Mack EO-N Premium Plus, EO-M PLUS, EO-M, EO-L PLUS, EO L
 - MAN M271
 - Mercedes Benz 228.1
 - Volvo VDS
- **performance requirements of**
 - Allison C4 Fluids
 - Caterpillar TO-2
- **manufacturers' performance requirements**
 - Chrysler MS 6395-G
 - Ford ESE-M2C153-E
 - General Motors GM 6094-M
- **Department of Defense Commercial Item Description (CID)**
 - A-A-52039A²

TYPICAL TEST DATA

SAE Grade	10W-30
CPS Number	222120
MSDS Number	8604
API Gravity	30.4
Viscosity, Kinematic cSt at 40°C cSt at 100°C	79.1 11.1
Viscosity, Cold Crank, °C/Poise	-25/60
Viscosity Index	129
Flash Point, °C(°F)	230(446)
Pour Point, °C(°F)	-42(-44)
Sulfated Ash, wt %	1.18
Base Number, ASTM D 2896	9.2
Phosphorus, wt %	0.114
Zinc, wt %	0.127

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

1. Obsolete specification
2. Replaces MIL-L-46152E