



TEXACO URSA[®] SUPER PLUS

SAE 10W, 30, 40, 50

CUSTOMER BENEFITS

Texaco Ursa Super Plus oils deliver value through:

- **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 oils are premium quality, mixed fleet motor oils meeting the performance requirements of four-stroke naturally aspirated, turbocharged, and supercharged diesel engines in all types of service.

These multipurpose engine oils are 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.

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

They flow readily at low temperatures for easier cold starting and less wear.

They also protect against corrosion and resist 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 oils are recommended for four-stroke naturally aspirated, turbocharged, and supercharged diesel engines in all types of service.

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

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

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

Texaco Ursa Super Plus SAE 10W, 30, 40, 50 meet:

- **API Service Categories**
 - CF-2, CD-II¹ (SAE 30, 40, 50)
 - CF, CD¹
 - SL, SJ, SH, SG¹
- **major diesel engine manufacturers' requirements**
 - **Detroit Diesel Corporation** 2-stroke (71, 92) (SAE 30, 40, 50)
- **performance requirements of**
 - **Allison C4 Fluids** (SAE 10W, 30)
 - **Caterpillar TO-2** (SAE 10W, 30)
 - **Vickers Pump Test** (SAE 10W)

1. Obsolete specification

TYPICAL TEST DATA

SAE Grade	10W	30	40	50
<i>CPS Number</i>	222110	222112	222113	222114
<i>MSDS Number</i>	12833	8604	8604	8604
API Gravity	30.6	29.2	29.1	28.1
Viscosity, Kinematic cSt at 40°C cSt at 100°C	48.4 7.6	101 11.5	150 15.0	217 19.4
Viscosity, Cold Crank, °C/Poise	-20/31.5	—	—	—
Viscosity Index	110	101	100	101
Flash Point, °C(°F)	219(426)	250(482)	259(498)	260(500)
Pour Point, °C(°F)	-42(-44)	-39(-38)	-33(-27)	-30(-22)
Sulfated Ash, wt %	1.03	1.03	0.85	0.85
Base Number, ASTM D 2896	8.0	8.0	7.6	7.6
Phosphorus, wt %	0.100	0.100	0.108	0.108
Zinc, wt %	0.111	0.111	0.120	0.120

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