



TEXACO GAS TURBINE

32, 46

CUSTOMER BENEFITS

Texaco Gas Turbine oils deliver value through:

- **Superior oxidation stability** for long service life at elevated temperatures.
- **Rust and corrosion protection**
- **High viscosity index** for minimum viscosity change when variations in temperature occur.
- **Minimum foam** prevents sump overflow or erratic governor operation.
- **Fast air release** minimizes possibility of pump cavitation in systems with high circulation rates and small reservoirs.
- **Superior thermal stability** minimizes deposit formation.
- **Rapid water separation** keeps water in oil to a minimum.
- **Hydraulic fluid service** — Texaco Gas Turbine 32 and 46 are excellent hydraulic fluids in low pressure systems up to 1000 psi.
- **Environmental benefits** — These oils are ashless. This facilitates reclaiming and recycling of the used oils. They are not expected to be harmful to aquatic organisms.

FEATURES

Texaco Gas Turbine oils are designed to meet the critical demands of stationary gas turbines and high temperature, high pressure steam turbines. They are an excellent recommendation for equipment used in combined-cycle plants. They are ideal for many other industrial applications including air compression.

Higher temperatures in the advanced gas and steam turbines require a circulating system oil with exceptional high temperature stability. Texaco Gas Turbine oils provide outstanding oxidation and corrosion inhibition and excellent air release and foam suppression. Texaco Gas Turbine oils provide long lubricant life and reduced equipment wear.

APPLICATIONS

Texaco Gas Turbine oils are recommended for use in gas and steam turbines. The following viscosity grades are formulated to meet the specified OEM requirements:

Texaco Gas **Turbine 32** meets:

- **General Electric** GEK-32568f, GEK 28143A
- **Solar** ES 9 224 requirements for gas turbine oils
- **Cincinnati Machine** P-38
- **Alstom Power** HTGD 90117
- **Siemens** TLV 9013

Texaco Gas **Turbine 46** meets

- **Solar** ES 9 224 requirements for gas turbine oils
- **Cincinnati Machine** P 55
- **Alstom Power** HTGD 90117
- **Siemens** TLV 9013

Do not use in high pressure systems in the vicinity of flames, sparks and hot surfaces. Use only in well ventilated areas. Keep container closed.

Do not use in breathing air apparatus or medical equipment.

TYPICAL TEST DATA

ISO Grade	32	46
<i>CPS Number</i>	223388	223390
<i>MSDS Number</i>	8613	8613
AGMA Grade	—	1
API Gravity	32.7	32.0
Viscosity, Kinematic cSt at 40°C cSt at 100°C	30.4 5.2	43.7 6.6
Viscosity, Saybolt SUS at 100°F SUS at 210°F	157 43.8	225 48.2
Viscosity Index	102	101
Flash Point, °C(°F)	222(432)	224(435)
Pour Point, °C(°F)	-36(-33)	-36(-33)
Oxidation Stability Hours to 2.0 mg KOH/g acid number, modified ASTM D 943 Minutes to 25 psi pressure drop, ASTM D 2272	17,000 1,700	12,000 1,400

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