



# TEXACO CETUS<sup>®</sup> PAO

## 32, 46, 68

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### CUSTOMER BENEFITS

Texaco Cetus PAO oils deliver value through:

- **Long lubricant life in high temperature operations** — Outstanding thermal and oxidation stability.
- **Extended machinery life and increased compressor efficiency** — Oxidative stability and low carbon-forming tendencies minimize sludge and deposit formation.
- **Extended drain intervals** — Long lubricant life means less frequent oil changes.
- **Reduced maintenance and downtime** — Trouble-free operation and extended service intervals means reduced operating costs.
- **Reduced oil consumption** — Low volatility means less oil goes downstream, and less oil is needed for makeup.
- **Recommended** in Atlas Copco, Sullair, Ingersoll-Rand and Quincy rotary screw air compressors.

Texaco Cetus PAO products meet the requirements of German DIN 51506 VDL standard.

### FEATURES

Texaco Cetus PAO oils are synthetic compressor oils. They are based on polyalphaolefin technology.

They provide outstanding thermal and oxidation stability, high viscosity index, high flash point, low pour point, and excellent hydrolytic stability.

Texaco Cetus PAO oils protect against rust, oxidation, and foaming, and have good antiwear properties.

The natural thermal and oxidation stability of these lubricants, due to their high level of purity and refinement, has been further enhanced by their unique additive systems.

The high thermal and oxidation stability reduces the formation of oxidation byproducts and acidic materials which will eventually cause deposits and varnish.

They are able to withstand relatively high temperature operations for extended periods of time. They have very good demulsibility characteristics allowing quick release of moisture.

They minimize entrained air, which could otherwise result in reduced lubricant film thickness and potentially lead to pump cavitation.

They are compatible with most elastomeric seal materials that are used with mineral oil based compressor lubricants.

### APPLICATIONS

Texaco Cetus PAO oils are formulated to provide outstanding lubricating qualities for air compressors, especially portable and stationary rotary, vane, and screw compressors.

Texaco Cetus PAO oils are recommended for industrial bearings and gears that require a synthetic gear oil that does not contain extreme pressure additives.

Texaco Cetus PAO oils are designed for applications with wide operating temperature ranges. They are especially effective in high temperature applications where outstanding thermal and oxidative stability are required.

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**

	<b>ASTM</b>	<b>32</b>	<b>46</b>	<b>68</b>
<i>Product Number</i>		222021	222022	222023
<i>MSDS Number</i>		8903	8903	8903
API Gravity	D 287	38.1	37.4	36.5
Viscosity, Kinematic cSt at 40°C cSt at 100°C	D 445	30.4 5.78	43.7 7.40	64.6 10.0
Viscosity, Saybolt SUS at 100°F SUS at 210°F	D 445	156 45.6	223 51.0	330 60.0
Viscosity Index	D 2270	135	134	139
Flash Point, °C(°F)	D 92	252(486)	258(496)	262(504)
Pour Point, °C(°F)	D 97	<-56(<-69)	<-56(<-69)	<-56(<-69)
Color, ASTM	D 1500	L 0.5	L 0.5	L 0.5
Copper Corrosion 3 h at 100°C	D 130	1a	1a	1a
Water Separability Minutes to 0 mL emulsion	D 1401	10	10	10
Foam Tendency/Stability, mL/mL Sequence II	D 892	20/0	20/0	20/0
Rust Protection Synthetic Sea Water	D 665B	Pass	Pass	Pass
Oxidation Stability Minutes to 25 psi pressure drop	D 2272	1500	1500	1500
Pneurop Oxidation Test Carbon Residue, wt % Evaporation Loss, wt %	DIN 51352/2	0.5 4.6	0.7 2.4	— —
Noack Volatility, wt %	DIN 51581	5.4	3.1	3.0
Four Ball Wear Scar Diameter, mm, 1800 rpm, 20 kg	D 4172	0.33	0.30	0.27

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