

## ChevronTexaco Cetus® PAO 100

Category : Fluid , Lubricant , Polyalphaolefin (PAO)

**Material Notes:**

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. 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. 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 are average values only. Minor variations which do not affect product performance are to be expected in normal manufacturing. CPS Number: 222024; MSDS Number: 8903

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ChevronTexaco-Cetus-PAO-100.php](http://www.lookpolymers.com/polymer_ChevronTexaco-Cetus-PAO-100.php)

Physical Properties	Metric	English	Comments
API Gravity	36.1 °	36.1 °	ASTM D287
Viscosity Measurement	142	142	Viscosity Index; ASTM D2270
Saybolt Viscosity at 100°F	487 SUS	487 SUS	ASTM D445
Saybolt Viscosity at 210°F	73.2 SUS	73.2 SUS	ASTM D445
Kinematic Viscosity at 40°C (104°F)	95 cSt	95 cSt	ASTM D445
Kinematic Viscosity at 100°C (212°F)	13.4 cSt	13.4 cSt	ASTM D445
Oxidative Stability	25 hour	25 hour	to 25 psi drop; ASTM D2272

Physical Properties	Metric	English	Comments 500
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Mechanical Properties	Metric	English	Comments
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Four Ball Wear	0.270 mm	0.0106 in	Scar Diameter, 1800 rpm, 20 kg; ASTM D4172
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Thermal Properties	Metric	English	Comments
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Pour Point	-47.0 °C	-52.6 °F	ASTM D97
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Flash Point	262 °C	504 °F	ASTM D92
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Descriptive Properties	Value	Comments
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Corrosion, Copper Strip	1a	3 h at 100°C
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Foaming Stability, mL	0	ASTM D892, Sequence II
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Foaming Tendency, mL	20	ASTM D892, Sequence II
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Noack Volatility, wt%	2.9	DIN 51581
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Rust Prevention	Pass	Synthetic sea water
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Water Separability min	10	to 0 ml emulsion
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## Contact Songhan Plastic Technology Co.,Ltd.

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