

ChevronTexaco Pinnacle® 46

Category : Fluid , Lubricant

Material Notes:

Texaco Pinnacle oils deliver value through: Long lubricant life in high temperature operations – The synthetic hydrocarbon base oils and proprietary additive package used in these products provide outstanding stability resulting in longer lubricant and equipment life. Extended machinery life and increased compressor efficiency – Oxidative stability and low carbon-forming tendencies minimize sludge and deposit formation. Extended drain intervals – Longer lubricant life means less frequent oil changes. High viscosity index and low pour point – These result in very broad operating temperature ranges -46°C to 149°C (-50°F to 300°F) when compared with conventional mineral oil based lubricants. Reduced oil consumption – Low volatility means less oil goes downstream, and less oil is needed for makeup. Reduced maintenance and downtime – Trouble free operation and extended service intervals means reduced operating costs. Excellent thermal and oxidation stability – Reduces the formation of oxidation byproducts and acidic materials which cause deposits and varnish. Texaco Pinnacle oils are synthetic circulating/non-EP bearing and gear lubricants. They provide: Excellent thermal and oxidation stability. High viscosity index. High flash point. Low pour point. Excellent hydrolytic stability. Texaco Pinnacle oils: Are able to withstand relatively high temperature operations for extended periods of time. Have very good demulsibility characteristics allowing quick release of moisture. Minimize entrained air, which could result in reduced lubricant film thickness and potentially lead to pump cavitation. Texaco Pinnacle oils are formulated to provide outstanding lubrication qualities for air compressors, especially portable and stationary rotary, vane and screw compressors. Texaco Pinnacle oils are recommended for industrial bearings and gears, such as worm gears, that require an R&O type synthetic gear oil. Texaco Pinnacle oils are designed for applications with wide operating temperature ranges. They are especially effective in high temperature applications, like sootblowers, 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: 222053; MSDS Number: 8983

Order this product through the following link:

http://www.lookpolymers.com/polymer_ChevronTexaco-Pinnacle-46.php

Physical Properties	Metric	English	Comments
API Gravity	34.9 °	34.9 °	
Viscosity Measurement	147	147	Viscosity Index
Saybolt Viscosity at 100°F	223 SUS	223 SUS	
Saybolt Viscosity at 210°F	52.1 SUS	52.1 SUS	
Kinematic Viscosity at 40°C (104°F)	43.7 cSt	43.7 cSt	
Kinematic Viscosity at 100°C (212°F)	7.73 cSt	7.73 cSt	
Oxidative Stability	16.67 hour	16.67 hour	to 25 psi drop; ASTM D2272

Mechanical Properties	Metric	English	Comments
Four Ball Extreme Pressure, Weld			kgf; ASTM D2783

Load Mechanical Properties	125 kg Metric	276 lb (mass) English	Comments
Thermal Properties	Metric	English	Comments
Pour Point	-55.0 °C	-67.0 °F	
Flash Point	256 °C	493 °F	

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