

XENOL COMPRESSOR OIL SCT 32-46-68-100

Product Description and Field of Use:

Ester-based synthetic compressor oils are high-performance lubricants primarily used in severe operating conditions for rotary screw and reciprocating compressors, valued for their thermal stability, natural detergency, and extended service life.

Properties and Benefits

- **High Thermal & Oxidative Stability:** Resists sludge and carbon formation even under extreme operating temperatures.
- **Excellent Detergency:** Naturally dissolves existing varnish, lacquer, and carbon deposits, keeping the internal system clean.
- **High Flash Point:** Significantly higher flash and auto-ignition points than mineral oils, drastically reducing the risk of compressor fires
- **Low Volatility:** Minimizes oil carry-over into the compressed air system, resulting in lower oil consumption
- **Extended Oil Life:** Offers drain intervals up to 8,000 hours or more, lasting 4 to 8 times longer than standard mineral lubricants.

Warning: XENOL COMPRESSOR OIL SCT acts as a strong solvent, it will quickly loosen old mineral oil varnish and sludge, which can rapidly clog your oil filters. Always perform a thorough flushing procedure during the transition and replace the oil filters shortly after the initial start-up.

Typical Properties*

TYPICAL VALUES						
TEST	UNIT	TEST METHOD	32	46	68	100
Density, @15 °C	g/cm ³	ASTM 4052	0.95	0.96	0.96	0.97
K. Viscosity, @ 40°C	cSt	ASTM D 445	28.8-35.2	41.4-50.6	61.2-74.8	83-112
Viscosity Index	-	ASTM D 2270	100	102	102	102
Copper Corrosion 100 C , 3h	°C	ASTM D130	1b	1b	1b	1b
Flashing Point	°C	ASTM D 92	231	238	249	260
Pour Point	°C	ASTM D 97	-39	-39	-39	-36

* Values may vary between productions.

Storage Conditions

It should be protected from direct sunlight and precipitation. Packages should be stored in a sealed way, under a porch or in indoor areas. Storage temperature should be between (+5)-(+40)°C.

Health and Safety Information

In the light of the available information, this product is not expected to create a negative impact on human health when used in the intended location and under the specified conditions of use. Used product should not be incinerated or poured into soil and waste water channels. Waste oils should be sorted into categories according to Regulation on Control of Waster Oils, and disposed of via licensed enterprises having the properties defined in this regulation. Please read the Material Safety Sheet when necessary.