

Solest® 46

Refrigeration Compressor Lubricant

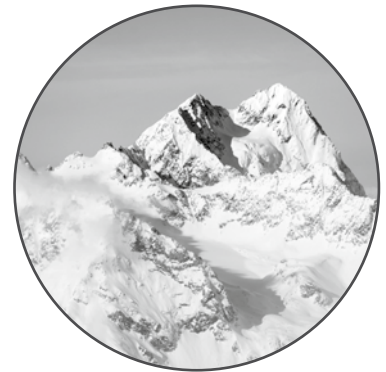


Description

Solest® 46 is a formulated ISO VG 46 synthetic polyol ester (POE) lubricant designed for commercial and industrial refrigeration and air conditioning compressors with over 25 years service in the field.

Designed to maximize lubrication in HFC systems, **Solest® 46** provides superior bearing protection with greater film strength than standard HFC lubricants. This product provides effective wear protection for steel and aluminum surfaces for increased system life and improved efficiency.

Solest® lubricants are designed for standard factory fill of air conditioning and industrial refrigeration equipment, as well as OEM retrofitting operations. CPI's laboratory studies and OEM compressor bench tests have afforded a product line specifically designed to meet key system needs. **Solest®** lubricants are not hazardous under 29 CFR 1910.1200. They provide improved properties over conventional mineral oils in all aspects, including viscosity index, flash and fire points and pour point.



Applications and Compressor Type

- HFC, HCFC, HFO Refrigeration
- Reciprocating, Screw, Rotary, Centrifugal, Scroll Compressors

Features and Benefits

Thermally stable	Longer system life
Improved oil management	Efficiency gains
Corrosion protection	Enhanced system reliability and reduced down-time
Excellent bearing lubrication	Longer compressor life
Optimized system performance	Reduced operating costs
Environmentally friendly	Biodegradable
Excellent lubricity	Increased efficiency, reduced cost of operation

*Typical Properties

Test Procedure	ASTM Test Method	Solest® 46
Viscosity @ 40°C, cSt.	ASTM D445	52.73
Viscosity @ 100°C, cSt.	ASTM D445	7.157
Viscosity Index	ASTM D2270	92
Density @ 20°C, g/ml	ASTM D4052	0.9375
Flash Point, °C	ASTM D92	230
Fire Point, °C	ASTM D92	274
Pour Point, °C	ASTM D5950	-44
Total Acid Number, mgKOH/g	ASTM D974	<0.03
Color (Hazen)	ISO2211	109
Water, ppm	ASTM D6304	<50

*These values are not intended for use in preparing specifications.

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