

# Solest® 120

## Refrigeration Compressor Lubricant

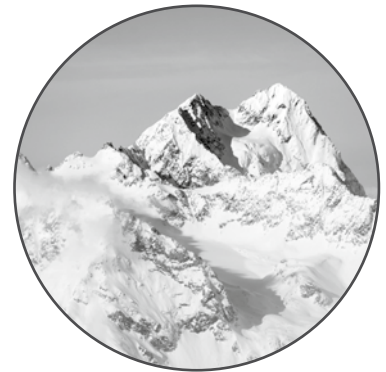


### Description

**Solest® 120** is a formulated ISO VG120 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® 120** 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

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

## \*Typical Properties

Test Procedure	ASTM Test Method	Solest® 120
Viscosity @ 40°C, cSt.	ASTM D445	115.5
Viscosity @ 100°C, cSt.	ASTM D445	11.99
Viscosity Index	ASTM D2270	91
Density @ 20°C, g/ml	ASTM D4052	0.950
Flash Point, °C	ASTM D92	256
Fire Point, °C	ASTM D92	294
Pour Point, °C	ASTM D5950	-30
Total Acid Number, mgKOH/g	ASTM D974	0.05
Color	ASTM D1500	0.1
Water, ppm	ASTM D6304	<50

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

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