



Lab Certified Lubricants

PRODUCT DATA SHEET

Synthetic Compressor Fluid

CIM Ultra Compressor 68 PAO

Overview

CIM Ultra Compressor 68 PAO is PAO-based compressor lubricant that was designed to provide long-term lubrication of both rotary-vane and oil-flooded screw compressors.

Nominal operating range -40 C to 205 C

Higher thermal stability reduces carbon deposit formation and extends fluid life.

- Improves compressor operating efficiency
- Extends maintenance intervals for valves and Intercoolers
- Lowers maintenance costs.

NOTE: CIM Ultra Compressor PAO 68 must not be used in the compression of oxygen, or other.

CIM Ultra Compressor 68 PAO is recommended for use in compressors such as:

- Oil flooded rotary screw compressors.
- Oil flooded rotary vane compressors.
- Reciprocating compressors

While CIM Ultra Compressor PAO 68 is fully compatible with most mineral and synthetic compressor fluids, it should not be mixed or contaminated with fluids containing polyalkylene glycols or silicones.

chemically active gases such as chlorine or hydrogen chlorid

Compressor Type	Viscosity Grades	Recommended Fluid Service Life at Maximum
Rotary Screw	VG 46	8,000 Hours 85 °C
Reciprocating	VG 68	500 Hours 150 °C

Specifications:

ABAC	Atlas-Copco
Allis Chalmers	Ceccato
Champion Pacific	Compair Canada
Davey Compressors	Dresser Industries
Gardner-Denver	GrimmerSchmidt
Kaeser Compressors	Sullair Compressors
Sundstrand Corp.	MAHLE
Fuller Company	Kellogg-American



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Technical Data: CIM Ultra Compressor 68 PAO

Colour	Bright & Clear
Kinematic Viscosity @ 100°C (mm ² /s)	10-12
Kinematic Viscosity @ 40°C (mm ² /s)	61.2- 74.8
Copper Strip Corrosion 8 hrs @ 100 °C	1A
Viscosity Index	145-180
Total Acid Number (TAN), mL KOH/g	<0.1
Flash Point, °C	215
Pour Point, °C	-46
Density @ 15°C kg/m ³	0.864

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