

CPI®-4624-68-F

Food Grade Compressor Lubricant



Description

CPI®-4624-68-F compressor lubricant is formulated using a premium polyalphaolefin (PAO) synthetic base fluid coupled with an unparalleled high performance additive package.

This compressor lubricants feature superior thermal and oxidative stability, enabling it to operate over a wide range of temperatures without coking, deposit formation, or corrosion. Additional features include low volatility and compatibility with mineral oil lubricants.

CPI®-4624-68-F is non-toxic and are accepted for use in food processing and packaging facilities where NSF H1 certified products are permitted. **CPI®-4624-68-F** is especially advantageous for use in carbon dioxide (CO₂) applications.

Applications and Compressor Type

- Flooded rotary screw compressors
- Carbon dioxide (CO₂) applications
- Rotary vane compressors
- Liquid ring vacuum pumps
- Other applications requiring a chemically and thermally stable lubricant

Features and Benefits

Oxidatively stable

Longer system life

Low volatility

Reduced maintenance and top-offs

Corrosion protection

Enhanced system reliability and reduced down-time

Food grade certified

NSF H1 certified for use in applications with incidental food contact

Typical Properties*

Test Procedure	ASTM Test Method	CPI®-4624-68-F
Kinematic Viscosity, cSt	D445	
40°C		65.74
100°C		9.94
Viscosity Index	D2270	135
Density, g/mL	D4052	
20.0°C		0.8324
Flash and Fire Point, °C	D92	
Flash Point		250
Fire Point		252
Pour Point, °C	D5950	-56
Rust Test	D665	
Part A - Distilled Water		Pass
Air Release, min.	D3427	1.9
Noack Volatility, % Loss	D5800	
200°C		0.2
Copper Strip Corrosion	D130	1A

*These values are not intended for use in preparing specifications

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