



CPI®-4260-F Series

Food Grade Compressor Lubricants

Description

The **CPI®-4260-F Series** compressor lubricants are formulated using premium polyalphaolefin (PAO) and food grade ester synthetic base fluids coupled with a high performance additive package.

These compressor lubricants feature superior thermal and oxidative stability, enabling them to operate over a wide range of temperatures without coking, deposit formation, or corrosion. In addition, the **CPI®-4260-F** lubricants have low volatility and compatibility with mineral oils.

The **CPI®-4260-F Series** lubricants are non-toxic and suitable for use in food processing facilities where NSF H1 certified products are required.

Applications and Compressor Type

- Rotary screw and vane compressors
- Reciprocating compressors
- Applications requiring NSF H1 (lubricants with incidental food contact) certification
- Other applications requiring an oxidative and thermally resistant 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
Excellent lubricity	Increased efficiency, reduced cost of operation
Food grade certified	NSF H1 certified for use within food processing environments

Typical Properties*

Test Procedure	ASTM Test Method	CPI®-4260-46-F
Kinematic Viscosity, cSt	D445	
40°C		42.54
100°C		7.45
Viscosity Index	D2270	142
Density, g/mL	D4052	
15.6°C		0.8461
20.0°C		0.8433
Flash and Fire Point, °C	D92	
Flash Point		234
Fire Point		238
Pour Point, °C	D5950	-44
Foaming Tendency, mL	D892	
Sequence I		200/0
Sequence II		0/0
Sequence III		240/0
Demulsibility	D1401	
Water-Oil-Emulsion (Time)		40-40-0 (10)
Air Release, minutes	D3427	0.1
Copper Strip Corrosion	D130	1A
Rust Test	D665	
Part A - Distilled Water		Pass

*These values are not intended for use in preparing specifications

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