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# PRODUCT INFORMATION

A PRODUCT OF AMERICAN CHEMICAL TECHNOLOGIES, INC.

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## Versa FG-46

### *Food Grade Compressor Lubricant*

#### **DESCRIPTION:**

**Versa FG-46** is a food grade compressor lubricant solution designed to meet the requirements of the food and beverage industry. **Versa FG-46** is fully compliant with FDA 21 CFR 178.3570 and is registered with NSF as an H-1 compliant product for incidental food contact.

Formulated with advanced synthetic base oils, and then treated with a proprietary system of additives including rust inhibitors, corrosion inhibitors, oxidative inhibitors, metal deactivators, anti-wear agents and defoamers.

**Versa FG-46** is formulated for 4,000 to 6,000 hours of service life under normal operating conditions. All ACT Performance lubricants are designed to reach 100% fluid life at 200°F.

#### **TYPICAL APPLICATIONS:**

- Rotary Screw Compressor

#### **PERFORMANCE HIGHLIGHTS:**

- Suitable for use in many food, beverage, pharmaceutical, and other facilities requiring food grade lubricants
- Reduced lubricant consumption with extended drain intervals and lower vapor pressure
- Excellent anti-wear properties improve bearing and valve life
- High flash point increases the margin of safety in the compressor
- Low pour point allows for easier startups in cold temperature environments

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## PROPERTIES:

	<b>Test Method</b>	<b>Standard</b>
Color		Lt Yellow
Clarity		Clear
ISO Viscosity Grade	ISO 3448	46
Viscosity @ 40 °C	ASTM D445	48 cSt
Viscosity @ 100 °C	ASTM D445	6.89 cSt
Viscosity Index	ASTM D2270	98
Pour Point	ASTM D5950	-34 °C (-29 °F)
Density @15 °C	ASTM D4052	0.87
Flash Point	ASTM D92	231 °C (448 °F)
Total Acid Number	ASTM D664	0.7 mgKOH/g
Demulsibility	ASTM D1401	40/40/0 (10 min.)
Rust Prevention (24h)	ASTM D665A&B	Pass
Copper Strip Corrosion	ASTM D130	1a

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