
PRODUCT INFORMATION

SYNTHETIC FOOD GRADE ROTARY COMPRESSOR FLUID FOR FDA 21 CFR 178.3570 & H-1 COMPLIANT APPLICATIONS

DESCRIPTION:

DuroLube Versa FG-46 is a synthetic Food Grade compressor lubricant specifically formulated for use in rotary screw air compressors used in the food, beverage and pharmaceutical industries. This exceptional fluid is fully compliant with FDA 21 CFR 178.3570 and is registered with NSF as an H-1 lubricant suitable for incidental food contact. DuroLube Versa FG-46 is a blend of hydrotreated synthetic hydrocarbon (SHC) base stocks with an advanced additive system that contains rust, corrosion and oxidation inhibitors, metal deactivators, anti-wear agents and defoamers. DuroLube Versa FG-46 is formulated for 4,000 to 6,000 hours of service life under normal operating conditions at temperatures up to 200 °F. As with all compressor fluids, routine oil analysis is recommended to determine when the oil needs changing.

BENEFITS:

Blended in an ISO 9001 registered facility with rigorous quality controls, DuroLube Versa FG-46 provides excellent thermal and oxidation stability for extended drain intervals and trouble-free operation across a wide range of temperatures. DuroLube Versa FG-46 delivers outstanding performance and value compared to higher priced OEM Food Grade fluids.

- Outstanding performance and value compared to other food grade fluids
- Excellent Corrosion Protection
- High flash point for increased safety
- Excellent anti-wear properties for increased bearing life
- Good Viscosity Index for wide temperature ranges

ENVIRONMENTAL:

DuroLube Versa FG-46 is highly demulsifiable which increases the effectiveness of compressor condensate oil-water separators. Disposal of used fluid should be done in accordance with local, state, and federal regulations.

PRODUCT PROPERTIES

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DuroLube Versa FG-46:

PROPERTY	TEST METHOD	RESULT
COLOR	-	Light Yellow
ISO VG GRADE	ISO 3448	46
VISCOSITY @ 40 °C (104 °F)	ASTM D445	48.0 cSt
VISCOSITY @ 100 °C (212 °F)	ASTM D445	6.9 cSt
VISCOSITY INDEX	ASTM D2270	98
POUR POINT	ASTM D5950	-34 °C (-29 °F)
DENSITY @ 15 °C (77 °F)	ASTM D4052	0.87 g/cm ³
FLASH POINT	ASTM D92	231 °C (448 °F)
TOTAL ACID NUMBER	ASTM D664	0.7 mg KOH/g
DEMULSIBILITY (10 min.)	ASTM D1401	40/40/0
CORROSION PROTECTION	ASTM D665A&B	Pass
COPPER CORROSION	ASTM D130	1a
ESTIMATED FLUID LIFE	-	4,000 - 6,000 hours

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