



OMNIFLUSH FG

ROTARY SCREW COMPRESSOR CLEANER AND SYSTEM FLUSH

APPLICATIONS:

Omniflush FG is a synthetic flushing fluid designed to remove varnish and sludge from compressors that are used in food, beverage and pharmaceutical processing plants, including areas where there is a possibility of incidental contact from the compressed air and/or condensate with edible products and ancillaries. It may also be used as an intermediary step when transitioning from non-food grade lubricants to NSF H-1 approved oils. Omniflush FG is designed for use at full strength, therefore eliminating offline cleaning resulting in costly downtime. Omniflush FG is compatible with most food grade lubricants on the market including white mineral oils, polyalphaolefins, polyglycols, and synthetic esters.

TYPICAL INDUSTRIAL APPLICATIONS:

- Rotary Screw Compressor
- Rotary Vane Compressor
- Centrifugal Compressor

PERFORMANCE BENEFITS:

- Solubilizes and removes harmful varnish and “sludge”
- 100% synthetic
- Compatible with mineral oils as well as Ultrachem synthetic oils
- Contains no aromatic solvents or hazardous ingredients
- Contains additives so that it can be used as a lubricant for up to 500 hours
- High flash point
- Caution: May affect some paint finishes, plastics and seals
- USDA H-1 authorized

PROPERTY	TEST METHOD	Omniflush FG
ISO Grade	ASTM D2422	46
SAE Grade	SAE J-300	20
Viscosity @ 40°C,cSt	ASTM D445	46.0
Viscosity @ 100°C,cSt	ASTM D445	8.0
Viscosity Index	ASTM D2270	135
Flash Point, °C/°F	ASTM D92	270/518
Pour Point, °C/°F	ASTM D97	-45/-49
Copper Corrosion	ASTM D130	1b
Demulsibility	ASTM D1401	Excellent
Specific Gravity	ASTM D4052	0.95

HEALTH & SAFETY

To obtain an SDS on this or any other Ultrachem product, please contact your representative.

TECHNICAL SUPPORT

To learn more about Ultrachem products and applications please contact us at info@ultracheminc.com



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RECOMMENDED PROCEDURE FOR CLEANING AND FLUSHING WITH OMNIFLUSH FG

Flushing procedure for rotary screw compressors:

1. Drain compressor immediately after shutdown while the oil is still warm. Please be sure to thoroughly drain all areas where residual oil may reside (i.e. – drain ports)
2. Please check filters and separator elements to make sure they are still in suitable condition. If not, please replace prior to flushing as to not further contaminate equipment.
3. Fill the compressor with a full charge of **OMNIFLUSH FG** or a mix of new food grade lubricant and at least 50% of the flushing lubricant.
4. Compressor may be run under normal loads for up to 500 hours. If heavily varnished or contaminated, this time period should be abbreviated to no less than 48 hours. Subsequent flushes may be required in poor conditions.
5. Repeat step one.
6. Change and replace all filters and separator elements to be sure all oxidized oil is removed from the system.
7. Refill the compressor with **OMNILUBE 546** or **OMNILUBE 32/46** depending on the application. Please contact your Ultrachem representative for assistance.
8. Please pull an oil sample after 200 hours of operation to check system conditions and to determine if further flushing is required. Please contact Ultrachem for assistance if required.

OMNILUBE

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