



OMNICLEAN FG

FOOD GRADE CLEANER AND SYSTEM FLUSH

Review the Procedure for Flushing Rotary Screw Compressors on the reverse side of this Technical Data Sheet **BEFORE** using this product.

Applications:

Omniclean FG is a lubricating, flushing and cleansing oil that can be used in food, beverage and pharmaceutical processing plants in any area where there is a possibility of exposure of the lubricated machinery parts to edible products. It may be used along with the existing lubricant in order to clean equipment of carbonaceous debris, sludge and dirt without dismantling machinery. This leads to savings on labor, downtime and replacement parts costs.

Typical Industrial Applications:

- Rotary Screw Compressors
- Rotary Vane Compressors
- Centrifugal Compressors
- Hydraulic Systems
- Gearboxes
- Vacuum Pumps
- Chains
- Bearings
- Reservoirs
- Air Lines and Air Tools
- Centralized Lubricating Systems

Performance Benefits:

- Solubilizes and removes harmful varnish and “sludge”
- Compatible with petroleum based lubricants such as mineral oil and PAO
- Compatible with seals and elastomers
- Excellent cleaning capabilities
- Non-drying lubricant
- Complies with FDA 21 CFR 178.3570 H-1

TYPICAL PROPERTIES	TEST METHOD	Omniclean FG
Viscosity @ 40°C,cSt	ASTM D445	8.1
Viscosity @ 100°C,cSt	ASTM D445	2.37
Viscosity Index	ASTM D2270	110
Flash Point, °C/°F	ASTM D92	105/221
Pour Point, °C/°F	ASTM D97	-35/-37
Color	ASTM D1500	0.0
Specific Gravity	ASTM D1298	<1

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HEALTH & SAFETY

To obtain an MSDS 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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PROCEDURE FOR FLUSHING ROTARY SCREW AIR COMPRESSORS

Omniclean FG should be used where food grade cleaning and flushing lubricant is required. For non food grade applications UltraSolv or Ultraclean may be used.

1. Drain compressor oil immediately after shutdown while fluid is warm. This should include all possible drain points.
2. Check all filters as well as the separator. If in good condition, proceed to step 3. If filters or separator is heavily contaminated, change or clean at this time as the use of Omniclean FG may result in carbonaceous deposits and varnish being removed during use. Fill compressor with Omniclean FG.
3. Run air compressor **UNDER NO LOAD** for a period of 2 to 24 hours. The run time will be decided in part by the severity of contamination and the condition of the air compressor.
4. Drain Omniclean FG from air compressor at all drain points as completely as possible. This should be done immediately after shutdown.
5. Change air oil separator as well as all filters to ensure that all contaminants and oxidized oil are removed from compressor.
6. Refill compressor with fresh lubricant.
7. An initial sample should be taken after 500 hours of service. Oil analysis will determine the condition of the oil at that time and whether continued flushing is necessary. Oil samples should then be taken at 500 hour intervals until an appropriate oil drain interval has been established.

Omnilube FG is compatible with mineral oils, white oils, other polyalphaolefins, and many ester based synthetics. Many synthetics are as different from each other as they are with petroleum products therefore; it is always advisable to contact Ultrachem Inc. prior to changing over compressor oils.

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