



KOCLEAN

ROTARY-SCREW COMPRESSOR CLEANER AND SYSTEM FLUSH

Applications:

KOCLEAN is a premium quality synthetic fluid designed to dissolve varnish and solubilize sludge from rotary-screw air compressors during operation. It can also be used as a system flush when changing-over from mineral to synthetic oils in order to reduce contamination due to oil carry-over. Regular use of KOCLEAN will help you get the most out of your synthetic oil and your compressor by removing varnish and reducing operating temperature.

Typical Industrial Applications:

- Rotary Screw Compressors
- Centrifugal Compressors
- Rotary Vane Compressors

Performance Benefits:

- Solubilizes and removes harmful varnish and “sludge”
- 100% synthetic
- Compatible with mineral and 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-2 authorized

TYPICAL PROPERTIES	TEST METHOD	KOCLEAN
ISO Grade	ASTM D2422	32/46
SAE Grade	SAE J-300	20
Viscosity @ 40°C,cSt	ASTM D445	38.0
Viscosity @ 100°C,cSt	ASTM D445	5.4
Viscosity Index	ASTM D2270	62
Flash Point, °C/°F	ASTM D92	224/435
Pour Point, °C/°F	ASTM D97	-42/-44
Copper Corrosion	ASTM D130	1b
Demulsibility	ASTM D1401	Excellent
Specific Gravity	ASTM D4052	0.97



RECOMMENDED PROCEDURE FOR CLEANING AND FLUSHING WITH KOCLEAN

Flushing procedure for clean machines currently using:

Mineral Oils: Completely drain compressor when hot - detach lines and drain as well. Reattach lines and fill compressor with KOCLEAN and run until unit reaches normal operating temperature. Drain KOCLEAN from unit and change filters and separators. Fill compressor with new charge of oil.

Polyglycols: Drain the compressor completely as above. Fill with KOCLEAN and run for 200 to 300 hours. Drain KOCLEAN from unit and change filters and separators. Be sure to remove as much oil from the air compressor and the lines as possible. Fill the compressor with a new charge of oil.

Silicone Fluids: Changing out from silicone fluids to any other oil requires extra flushing steps and caution. Please contact your representative for instructions.

Flushing procedure for medium varnished compressors currently using mineral oils, PAOs, or diesters:

Drain compressor completely while hot as above. Change the oil filter and fill with KOCLEAN and run unit for 500 hours. Drain compressor completely and inspect the oil filter and the used charge of KOCLEAN. If the filter and cleaner are still dirty, repeat from the beginning. Continue with this procedure until the oil filter and cleaner are clean. If it is clean, replace the filters and separator elements and fill compressor with a new charge of synthetic oil.

If a machine is extremely varnished, machine should not be put back into service until it has been mechanically or chemically cleaned. After this procedure, fill with a new charge of oil.