Ful-Lube™ lubrication systems for Ful-Vane™ compressors

Simple, reliable
Designed to keep your compressor properly lubricated for maximum life and performance
Ful-Lube™-2 systems for low maintenance and dependable lubrication

Reduce maintenance

- Designed specifically for Ful-Vane™ compressors
- Precise lubrication reduces oil consumption
- Resettable pop-open pressurization relief valve
- 25-gallon reservoir reduces filling frequency

FLSmidth’s Ful-Lube™-2 compressor lubricator is designed to keep your Ful-Vane rotary vane compressor properly lubricated for up to 30 days without refilling. New design features include:

- Heavy gauge welded steel tank includes connections for optional level switches, immersion heater and gauges
- Pop Open Pressure Relief valve (POPR™) replaces rupture discs and is reset with a simple snap action
- Oil priming bowl provides constant oil supply at pump inlet for increased ease of priming with included manual purge gun
- Improved in-line filter with cleanable element
- Removable mounting base with fixed motor and lube pump box for easy replacement or repair
- Same compact footprint as our original Ful-Lube lubrication system

Protect your Ful-Vane compressors from failure due to improper lubrication, and reduce oil consumption.

- Divider block ensures accurate lubrication distribution, while over-pressure indication pins easily identify troublesome lube lines
- Class 1 Div 1 no-flow switch with optional relay provides reliable compressor shutdown indication if a loss of oil flow occurs

- 1/3 HP motor direct drive pumping arrangement eliminates the risk of belt failures that can happen with older lube systems
- One operating and one standby pump minimize downtime
- Available in duplex arrangement for a duplex compressor application
Ful-Lube™ PLUS systems for more precise rate control and monitoring

FLSmidth’s Ful-Lube™ PLUS lubrication system is PLC-based and designed to precisely deliver oil to each lubrication point. It includes all the benefits of the Ful-Lube-2 system, plus the ability to monitor additional operating parameters of the Ful-Vane™ compressor.

- Simple, PLC-based automatic lube rate setting based on compressor size selection
- Accurate and precise oil delivery within +/- 2%
- Pressure transmitter provides real-time readings
- Class 1 Div 1 rating with NEMA 4 control panel
- 30-gallon tank with optional level switch and heater
- ½ HP motor direct drive pumping arrangement eliminates the risk of belt failures that can happen with older lube systems
- Capable of lubricating duplex Ful-Vane compressors with up to 14 injectors

Advanced features designed to provide constant feedback and monitoring of your lubrication.

- Lube rate adjustment via HMI touchscreen
- Positive confirmation of lubrication to each point
- Monitor discharge air pressure and temperature, cooling water flow, and intake filter dP
- Programmable alarms to aid troubleshooting of compressor subsystem malfunctions
- Data log runtime, lubrication cycles, and oil consumption
- PLC easily integrates into compressor package controls or plant DCS

Which lubrication system is right for your Ful-Vane compressors?

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Compact footprint for PLC, oil tank and pumping system
World-class parts, service and support

Compressor Exchange Program
Our Compressor Exchange Program is designed to replace the cylinder assemblies on existing FLSmidth rotary compressors. The program minimizes downtime for replacement and is a highly economical method for restoring compressors to original performance standards.

B3000 Compressor Blades
FLSmidth’s B3000 compressor blades last up to four times longer than conventional blades. Their carbon fiber laminate construction resists damage from abrasive particles for less wear and tear.

B3000 blades reduce maintenance by decreasing the number of blade changes needed. They provide smooth operation and durability, and extend the life of the compressor.

World-class warranty
Our B3000 carbon fiber blades will be prorated for either 20,000 hours or 3 years from first use, whichever comes first (subject to proper maintenance and operation of the inlet filtration, lubrication, and cooling systems).

FLSmidth manufactures all compressors at its Manheim, PA facility, ensuring that each and every compressor is built and tested to the most rigorous standards.

In addition, FLSmidth has a 24/7 emergency breakdown service for customers, a reconditioning and exchange program, and offers on site training for rebuilding compressors. We also have a customer consignment inventory management program.

In addition to our Manheim facility, FLSmidth has factory-trained and certified service centers and parts warehouses worldwide.