



Para-Lube

The Only True OEM PAG Equivalent

For almost 30 years leading OEM's have used PAG/POE lubricant blends as the primary factory fill for their rotary screw compressors. These are excellent fluids, which have been proven to offer a long service life while remaining varnish free. These fluids are comprised of Polyalkylene Glycol (PAG) and Polyolester (POE).

The genuine OEM formula consists of approximately 2/3 PAG and 1/3 POE, blended with the proper system of additives. The Para-Lube additives include an optimized ratio of antioxidants and a barium corrosion inhibitor to ensure a long fluid life. Many distributors offer an aftermarket version of OEM fluids. IAC is the only distributor offering a "TRUE" OEM equivalent that is a complete chemical match to the OEM fluid.

The IAC Advantage

A Simple Philosophy

To approach each client's situation and needs independently, comprehensively and affordably.

Understanding Predictive Maintenance

IAC goes beyond standard part supply and evaluates system performance with oil analysis, thermal imaging, vibration tracking, and electrical inspections.

Lubricants You Can Trust

IAC's fluids are custom engineered to meet or exceed the performance of their OEM Equivalents.



731 E. Market St.
Jeffersonville, IN 47130
Phone: 812 280-7070
Toll Free: 1 877 IACSERV
Fax: 812 280-7072
www.iacserv.com

All of IAC's lubricants provide unsurpassed service life while ensuring clean and trouble-free operation. Para-Lube has been engineered to reach 100% fluid life at 200°F operating temperature.

Varnish Free

Para-Lube is chemically incapable of creating varnish, which is incredibly detrimental to a compressors performance; plugging bearing housing orifices, cooler tubes, thermal blocks, and separators.

Long Life

Rated for 10,000 hours of service life, Para-Lube ensures optimal performance with a larger margin of safety for delays in servicing and higher operating temperatures.

Corrosion Protection

All compressors have some degree of moisture, aiding in the risk of rust/corrosion formation. Para-Lube offers excellent corrosion protection with industry leading barium-based additives.

Environmentally Friendly

Para-Lube has been confirmed to be readily biodegradable, biodegrading quickly and completely at $\geq 60\%$ by OECD 301 / ASTM D7373 testing. Allowing for easy disposal of condensate.

Low Carry-Over

Para-Lube offers one of the lowest fluid carryover volumes on the market. This means less oil passing the separator filter and into the discharge pipe, resulting in less lubricant downstream and reduced make-up oil.

High Flash Point

With a flash point of nearly 500°F, the risk of a thermal event due to elevated temperatures under pressure is minimized.

IAC is the region's leading provider of compressed air equipment, service, parts, piping and energy management systems in Ohio, Kentucky, Indiana and Florida.

Specification Comparison

Property	Test Method	Leading OEM	IAC Para-Lube
Color	-	Green	Green
Viscosity @ 40°C	ASTM D445	37.2	36.9
Viscosity Index	ASTM D2270	153	154
Pour Point °C (°F)	ASTM D97	-45 (-49)	-45 (-49)
Flash Point °C (°F)	ASTM D92	252 (486)	257 (495)
Copper Corrosion	ASTM D130	1b	1b
Initial pH	-	8 – 10	8 – 10
TAN (mgKOH/g)	ASTM D664	<0.25	<0.25
Density @ 15°C	ASTM D1298	0.989	0.987