



*Advanced Technology
Synthetic Lubricants* 

www.completelubricants.com

**SERIES – PGR
FULL SYNTHETIC – COMPRESSOR FLUID**

Series PGR compressor lubricants are blended from several synthetic base stocks to form a synergistic blend of fluids in conjunction with, the Complete Lubricant’s additive infusion system to provide outstanding performance for Rotary Screw Compressors.

Series PGR is a non-glycol replacement for polyglycol (PAG) based compressor fluids. The fluid has good biodegradability and is environmentally neutral; it exhibits much better oxidation and thermal stability, as well as longer fluid life, than Polyglycols. The ability of series PGR to mix perfectly with PAG’s means it is 100% topable and an oil flush is not necessary when converting to the higher quality series PGR.

Application: Rotary Screw
Product Life: Exceptional

Product Features & Benefits

Outstanding Oxidation Stability	Energy Savings
Very High Viscosity Index	Carbon & Varnish Control
High Flash & Auto-Ignition Points	Reduced Maintenance Cost
Very Low Volatility	Reduced Downtime
Extremely High Film Strength	Excellent Materials Compatibility
Excellent Coolant Properties	Reduced Lubricant Consumption
Long Fluid Life Cycle	Excellent Rust & Corrosion Control

		Product Designation		
		PGRS	PGRQ	PGRI
Viscosity	ISO Grade	32	46	46
	Index	134	132	162
	cSt @ 100°F / 40°C	155.0 / 33.0	209.02 / 46.0	233.0 / 50.1
	cSt @ 212°F / 100°C	46.2 / 6.1	50.4 / 7.6	55.8 / 9.0
Flash Point	°F / °C	450 / 232.2	465 / 240.6	468 / 242.2
Auto-Ignition	°F / °C	710 / 376.7	721 / 382.8	723 / 383.9
Pour Point	°F / °C	-40 / -40.0	-36 / -37.8	-35 / -37.2
Copper Corrosion, 24 Hr		1a	1a	1a
Demulsibility, 30 Min@130°F		40/39/1	40/39/1	40/39/1
Wear Tests				
Four ball weld point (Kg)		100	100	100
Four ball scar Dia. (mm) *		.41	.41	.41

* Test basis is 40Kg ball @1200 RPM for 1 hour @167°F