



PG Supreme Rotary Compressor Fluid

Conoco PG Supreme Rotary Compressor Fluid is a premium-quality, synthetic lubricant developed for use in rotary screw, rotary lobe and rotary vane compressors, where the manufacturer calls for PAG (polyglycol) or PAG/Ester blend compressor oil. It is available in three viscosity grades: ISO 32, 46 and 68.

PG Supreme Rotary Compressor Fluid is formulated with synthetic base oils, which have exceptionally low Pour Point and high viscosity index. It is compounded with carefully balanced additives to provide optimum deposit control and excellent high temperature oxidation and thermal stability. This gives the end user significant savings and performance advantages over conventional mineral oils from extended-drain intervals and reduced maintenance.

PG Supreme Rotary Compressor Fluid exhibits superior performance in the areas of oxidative stability and deposit control. It has shown extended service life when compared to conventional paraffinic & naphthenic compressor oils. It has significantly lower volatility, which results in less oil make-up and long-term savings.

Applications

Oil-flooded rotary screw, rotary lobe and rotary vane air compressors where the manufacturer specifies a synthetic coolant or this type of lubricant. It is a drop-in replacement for private-label compressor oils marketed by Sullair and Ingersoll-Rand with similar chemistry.

Outstanding Features

- Excellent heat transfer properties
- Low volatility and less oil make-up
- Exceptionally low Pour Point & high VI
- Excellent thermal & oxidative stability
- Excellent rust & corrosion protection
- Extended drain capability

**Premium Quality,
Synthetic
Polyglycol/Ester
Rotary Air
Compressor Fluid**

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PG Supreme Rotary Compressor Fluid

Typical Properties

ISO Grade	ASTM Test Method	32	46	68
Density, lb/gal		8.76	8.76	8.76
Flash Point,	D92			
°F		464	510	530
°C		240	266	277
Pour Point,	D97			
°F		-94	-80	-22
°C		-70	-62	-30
Viscosity,	D445			
cSt @ 40°C		32.0	46.0	68.0
cSt @ 100°C		6.2	8.9	11.9
SSU @ 100°F		164	233	345
SSU @ 210°F		47	56	67
Viscosity Index	D2270	175	173	172
Copper Strip Corrosion Test	D130	1b	1b	1b
Total Acid No.	D974	0.25	0.30	0.60
Oxidation Stability, 194°C, 24 hrs	FTM 791-5308			
TAN Increase, %		.052	0.05	0.27
Viscosity Increase, %		5.8	1.2	0.4

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