

# ANDEROL PRODUCT DATA SHEET

## ANDEROL® PG SUPREME SERIES

SYNTHETIC ROTARY COMPRESSOR OILS

### GENERAL INFORMATION

Anderol PG Supreme Series are a blend of premium synthetic oils specially formulated for rotary screw air compressors that use a synthetic blend of polyglycol (PAG) and polyolester (POE) basestocks.

Anderol PG Supreme Series employ a proprietary additive package specifically formulated for rotary compressors operating at high air pressures and discharge temperatures. These formulations do not contain any barium containing additives; in addition they are considered biodegradable allowing for safe lubricant and condensate disposal.

### TYPICAL PROPERTIES:

PROPERTY	TEST METHOD	ISO 32	ISO 46	ISO 68
Viscosity @ 40° C, cSt	ASTM D-445	29.0 – 35.0	42.0-50.0	62.0-74.0
Viscosity @ 100°C, cSt	ASTM D-445	6.2	8.9	11.9
Viscosity @ 100°F, SUS	ASTM D-2161	147	220	309
Viscosity @ 210°F, SUS	ASTM D-2161	46	55	66
Viscosity Index	ASTM D-2270	175	173	172
Flash Point, °C (°F), minimum	ASTM D-92	210 (410)	210 (410)	210 (410)
Fire Point, °C (°F)	ASTM D-92	260 (500)	294 (560)	260 (500)
Pour Point, °C (°F), maximum	ASTM D-97	-55 (-58)	-62 (-80)	-30 (-22)
Total Acid Number (TAN), mg KOH/g	ASTM D-664	0.25	0.25	0.25
Foaming Characteristics	ASTM D-892	Nil	Nil	Nil
Four Ball Wear, mm (1200 rpm, 75°C, 40kg, 1 hr)	ASTM D-4172	0.50	0.50	<0.45
Corrosion-Oxidation Stability (190°C, 24 h)				
Viscosity Change, %	FTM 791-5308	5.76	1.2	-1.44
TAN Change, mg KOH/g		0.52	0.05	0.27
Barium content	ASTM D 4951	Nil	Nil	Nil
Copper Strip Corrosion	ASTM D-130	1b	1b	1b
Specific Gravity, 15.6°C	ASTM D-1298	0.99-1.10	0.99-1.10	0.99-1.10

### APPLICATIONS

- Oil-flooded rotary screw compressors that specify a polyglycol lubricant.
- Drop-in replacement for compressors presently using OEM-type PAG/POE oils.

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**For more information please refer to the relevant Material Safety Data Sheet accompanying each product.**

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## ADVANTAGES

- High and low temperature operations.
- High viscosity index means less change over wide temperature range.
- Non-Carbonising; leaves minimal deposits.
- Excellent oxidative and thermal stability.
- Low pour point.
- Low coefficient of friction.
- Extended drain intervals when compared to mineral oils.
- Good demulsability when compared to other PAG/POE lubricants.

## COMPATIBILITY

Anderol® PG Supreme is compatible with the following seal and elastomeric materials: Viton, High Nitrile Buna N, Nylon, Delrin, Celcon, PBT, Oil-Resistant Alkyd, Teflon. Call Anderol Company for guidance if you have other questions regarding compatibility.

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ANDEROL Inc.  
PO Box 518, 215 Merry Lane  
East Hanover, New Jersey USA  
Tel: 888-ANDEROL  
Or Tel: (973) 887-7410  
Fax: (973) 884-3825  
E-mail: [info@anderol.com](mailto:info@anderol.com)