

## PGWI SERIES

### PREMIUM PAG-BASED LUBRICANTS

#### APPLICATIONS:

The PGWI Series are fully synthetic lubricants formulated with superior polyalkylene glycol (PAG)-based oils. These premium lubricants are designed for use in compressors and vacuum pumps compressing polar gases, such as NH<sub>3</sub>, CO<sub>2</sub>, and propane. They offer excellent rust resistance and are excellent in wet gas compression. The PGWI Series yield a compressor service life of 8,000 – 10,000 hours under good operating conditions.

#### TYPICAL INDUSTRIAL APPLICATIONS:

- Rotary Screw Compressors
- Reciprocating Compressors
- Rotary Vane Compressors
- Vacuum Pump
- Centrifugal Compressors

#### PERFORMANCE BENEFITS:

- Resists hydrocarbon washout/dilution
- Extended drain life
- Reduced sludge and deposit formation
- Excellent oxidative and thermal stability

TYPICAL PROPERTIES	TEST METHOD	PGWI 46	PGWI 68	PGWI 100	PGWI 150	PGWI 220
ISO Grade	---	46	68	100	150	220
Viscosity @ 40°C,cSt	ASTM D445	46	69	106	154	220
Viscosity @ 100°C,cSt	ASTM D445	9.4	12.9	18.9	25.7	34.5
Viscosity Index	ASTM D2270	191	193	195	195	205
Flash Point, °C/°F	ASTM D92	232/450	238/460	230/445	288/551	294/561
Pour Point, °C/°F	ASTM D97	-51/-60	-40/-40	-40/-40	-38/-36	-38/-36
Four ball wear-40Kg.,1200rpm, 1 hr@75°C, Scar Diameter, mm	ASTM D4172	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Specific Gravity	ASTM D4052	0.98	0.98	0.98	0.99	0.99

**Caution: Not compatible with petroleum oils and synthetic hydrocarbons**

#### HEALTH & SAFETY

To obtain an SDS on this or any other Ultrachem product, please contact your representative.

#### TECHNICAL SUPPORT

To learn more about Ultrachem products and applications please contact us at [info@ultracheminc.com](mailto:info@ultracheminc.com)



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