

PGWS SERIES

PREMIUM PAG BASED LUBRICANTS

Applications:

The PGWS series are fully synthetic lubricants formulated with premium polyalkylene glycol (PAG) base oils. The PGWS lubricants are designed for use in compressors, vacuum pumps, enclosed gears, bearings, and other applications where unique properties of these fluids are necessary. The use of the PGWS oils in gas compression preserves the unique viscosity-temperature relationships of these premium products by resisting thinning out by hydrocarbon dilution. PGWS lubricants yield a compressor service life of 8,000 – 10,000 hours under good operating conditions.

Typical Industrial Applications:

- Rotary Screw Compressors
- Rotary Vane Compressors
- Centrifugal Compressors
- Reciprocating Compressors
- Vacuum Pumps
- Enclosed gears and bearings

Performance Benefits:

- Resists hydrocarbon washout/dilution
- Extended drain life
- Reduced sludge and deposit formation
- Excellent oxidative and thermal stability
- Caution: Not compatible with petroleum oils and synthetic hydrocarbons

TYPICAL PROPERTIES	TEST METHOD	PGWS 68	PGWS 100	PGWS 150	PGWS 220
ISO Grade	ASTM D2422	68	100	150	220
Viscosity @ 40°C,cSt	ASTM D445	71	97.0	142.8	220
Viscosity @ 100°C,cSt	ASTM D445	14.4	18.5	27.1	38
Viscosity Index	ASTM D2270	208	212	228	225
Flash Point, °C/°F	ASTM D92	227/440	227/440	291/555	291/555
Pour Point, °C/°F	ASTM D97	-46/-50	-44/-47	-42/-44	-37/-35
FZG, load stage	DIN-51354	---	11	11	12
Rust Prevention	ASTM D665A	Pass	Pass	Pass	Pass
Specific Gravity	ASTM D1298	1.0-1.1	1.0-1.1	1.0-1.1	1.0-1.1

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HEALTH & SAFETY

To obtain an MSDS 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



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