

PGWS SERIES

PREMIUM PAG-BASED GEAR LUBRICANTS

Applications:

The PGWS Series are fully synthetic, high performance gear oils formulated with superior polyalkylene glycol (PAG)-based oils. Premium anti-oxidants, anti-wear, and corrosion inhibitor additives enhance the performance of these products. The PGWS Series are recommended for industrial worm gear lubrication. They can also function well as general purpose gear lubrication.

Typical Industrial Applications:

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

Performance Benefits:

- Resists hydrocarbon washout/dilution
- High load carrying capacity
- Reduced sludge and deposit formation
- Excellent oxidative and thermal stability
- Low friction and less power consumption
- Good steel on steel and steel on bronze anti-wear

TYPICAL PROPERTIES	TEST METHOD	PGWS 150	PGWS 220	PGWS 320	PGWS 460	PGWS 680	PGWS 1000
ISO Grade	ASTM D2422	150	220	320	460	680	1000
Viscosity @ 40°C,cSt	ASTM D445	150	220	340.6	460	688	1000
Viscosity @ 100°C,cSt	ASTM D445	25	38	58	71	118	167
Viscosity Index	ASTM D2270	201	225	240	234	273	287
Flash Point, °C/°F	ASTM D92	291/555	295/563	291/555	291/555	291/555	291/555
Pour Point, °C/°F	ASTM D97	-42/-44	-37/-35	-35/-29	-33/-27	-32/-26	-31/-24
FZG, load stage	DIN-51354	11	12	12	12	12	12
Rust Prevention	ASTM D665A	Pass	Pass	Pass	Pass	Pass	Pass
Specific Gravity	ASTM D1298	1.05	1.0-1.1	1.0-1.1	1.0-1.1	1.0-1.1	1.0-1.1

Caution: Not compatible with petroleum oils and synthetic hydrocarbons.

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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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