

# CHEMLUBE® PGR SERIES

MULTIFUNCTIONAL SYNTHETIC COMPRESSOR LUBRICANTS

PRODUCT CODES: PGR-32, PGR-46

## PRODUCT OVERVIEW

The Chemlube® PGR Series is a blend of multifunctional synthetic base stocks and high-performance additives designed for use in rotary screw air compressors. The unique chemistry of these products allows for high-performance over a wide range of temperatures and application environments. PGR is compatible with most all synthetics on the market, including polyglycol coolant compressor oils, which helps reduce costly system flushes and potential downtime during changeouts and conversions. These product exhibit excellent oxidative stability, superior frictional reduction and good system cleanliness in an economic package relative to other synthetic compressor fluids.

Chemlube® PGR Series lubricants can achieve service life of 6,000 - 8,000 hours in rotary screw compressors under good operating conditions (<200F). This series is an excellent choice when looking to consolidate product lines.

## APPLICATION DETAIL

- Rotary screw compressors
- Vacuum pumps

## KEY BENEFITS

- Very high oxidation stability for extended service life
- Excellent detergency
- Good demulsification
- Good corrosion protection
- Excellent compatibility with other synthetics (universal solution)
- Excellent thermal and hydrolytic stability

### QUICK POINTS...

**Name:** PGR Series

**ISO Grade:** 32, 46

**Base:** Synthetic

**Additive System:** AO/AW/CI

**Color:** Pale Yellow

**Food Grade:** No

**GHS Class:** None

**Main Application:** Compressors

## TYPICAL CHARACTERISTICS\*\*

PROPERTY	ASTM METHOD	32	46
ISO Grade		32	46
Viscosity, 40°C	D445	36.3	46.9
Viscosity, 100°C	D445	6.7	7.3
Viscosity Index	D2270	115	126
Specific Gravity, 20°C	D4052	0.88	0.88
Pour Point, °C	D97	-39	-39
Flash Point, °C	D92	252	252
RPVOT, minutes	D2272	>2000	>2000
Copper Strip Corrosion	D130	1b	1b

\*\*Characteristics are typical of production. Slight variations in the actual data may occur which will not affect performance.

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## RECOMMENDATIONS & APPROVALS

- ISO 6743/3 DAJ
- DIN 51506 VDL

## COMPATIBILITY NOTES

- Compatible with mineral oils and most synthetics
- Compatible with most process gases
- Excellent compatibility with common seal materials, plastics and paints

## SHELF LIFE

- Standard shelf life of (5) years from DOM applies to this product
- Shelf life may be extended and/or recertified upon individual case – please contact your Ultrachem, Inc. representative

## HEALTH & REGULATORY STATEMENTS

- Classified as non-hazardous per OSHA GHS
- TSE/BSE compliant: product does not contain any materials of animal origin or derivatives
- FALCPA compliant: product does not contain any allergens
- RoHS compliant: product does not contain any EU RoHS substances
- REACH compliant: product does not contain any SVHC substances
- Guidelines on safety and storage may be found on the associated Safety Data Sheet ([SDS@ultracheminc.com](mailto:SDS@ultracheminc.com))

## PACKAGING & SHIPPING AVAILABILITY

- 5 gallon pail (18.9 L)
- 55 gallon drum (208.2 L)
- 330 gallon tote (1249.2 L)
- (2) 2.5 gallon case (18.9 L)
- (6) 1 gallon case (22.7 L)

Please contact your Ultrachem, Inc. representative for detailed information not covered in this data sheet.



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