

# CHEMLUBE® PLUS SERIES

**POE-BASED 11000+ HOUR COMPRESSOR LUBRICANTS**

PRODUCT CODES: PLUS 10-32, PLUS 10-46, PLUS 10-68

## PRODUCT OVERVIEW

Chemlube® Plus Series lubricants are synthetic air compressor fluids designed using a premium quality polyolester (POE) base stock blend and an advanced additive package built for exceptional performance in compressed air systems. The Plus Series will outperform other synthetics on the market by maintaining excellent stability even at high temperatures (>250°F), enhanced frictional reduction lowering operational temperatures and power consumption, and promoting machine cleanliness through exceptional natural detergency. The Chemlube Plus Series also offers excellent compatibility with most lubricants on the market creating an opportunity for product consolidation and a universal solution for compressor maintenance.

An additional highlight for the Chemlube Plus Series is an excellent resistance to harsh plant chemicals and contaminants. This product line has shown stable performance where other lubricants may have experienced premature failures, extending drain intervals and keeping equipment protected and safe.

## APPLICATION DETAIL

- Rotary screw compressors
- Rotary vane compressors
- Vacuum pumps (228, 299)

## KEY BENEFITS

- Cost savings from extended service intervals (11000\* hours)
- Premium resistance from oxidation and thermal degradation
- Excellent natural detergency for reduced deposit formation
- Strong protection from wear and corrosion to extend machine life
- High stability in harsh plant environments extending oil life
- Excellent frictional properties offering potential energy savings

### QUICK POINTS...

**Name:** Chemlube Plus Series

**ISO Grade:** 32, 46, 68

**Base:** PAO + Ester

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

**Color:** Pale Yellow

**Food Grade:** No

**GHS Class:** None

**Main Application:** Compressors

## TYPICAL CHARACTERISTICS\*\*

PROPERTY	ASTM METHOD	PLUS 10-32	PLUS 10-46	PLUS 10-68
ISO Grade		32	46	68
Viscosity, 40°C	D445	32.0	44.4	68.0
Viscosity, 100°C	D445	6.30	7.30	9.90
Viscosity Index	D2270	1520.88	127	128
Specific Gravity, 20°C	D4052	0.88	0.89	0.89
Pour Point, °C	D97	-40	-40	-40
Flash Point, °C	D92	260	260	260
Demulsibility, min.	D1401	40-40-0 (<5)	40-40-0 (<5)	40-40-0 (<5)
Foaming Sequences I, II, III	D892	< 20/0	< 20/0	< 20/0
Evaporation, %	D972	< 1.0	< 1.0	< 1.0

\*Under normal operating conditions. \*\*Characteristics are typical of production. Slight variations in the actual data may occur which will

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## RECOMMENDATIONS & APPROVALS

- 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

- (5) years from date of manufacture when stored in unopened container
- Shelf life may be extended based upon fluid type and conditions

## 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 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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