

CHEMLUBE® PLUS SERIES SYNTHETIC COMPRESSOR LUBRICANTS

Applications:

Chemlube Plus Series fluids are made with a very thermally and oxidatively stable polyol ester (POE) blend. These full synthetic premium lubricants are formulated to form less varnish under high temperature applications and to be more resistant to acidic intake air than the polyalkylene glycol coolants and other synthetics on the market. Under normal operating conditions you can expect to obtain up to 11,000 hours of lubricant service life in rotary screw compressors.

Typical Industrial Applications:

- Rotary Screw Compressors
- Rotary Vane Compressors
- Centrifugal Compressors
- Vacuum Pumps

Performance Benefits:

- Outstanding thermal and oxidative stability
- Extended drain intervals reduces oil disposal
- Wide operating temperature range
- Excellent anti-wear protection
- Compatible with most compressor oils
- Improved safety - High flash point

| TYPICAL PROPERTIES | TEST METHOD | Chemlube Plus 32 | Chemlube Plus 10 | Chemlube Plus 68 |
|------------------------------|-------------|------------------|------------------|------------------|
| ISO Grade | ASTM D2422 | 32 | 46 | 68 |
| Viscosity @ 40°C,cSt | ASTM D445 | 32 | 44.4 | 66 |
| Viscosity @ 100°C,cSt | ASTM D445 | 6.3 | 7.3 | 9.9 |
| Viscosity Index | ASTM D2270 | 125 | 126 | 132 |
| Flash Point, °C/°F | ASTM D92 | 263/506 | 261/501 | 263/506 |
| Pour Point, °C/°F | ASTM D97 | -50/-58 | -50/-58 | -50/-58 |
| Foaming Sequences I, II, III | ASTM D892 | Nil | Nil | Nil |
| Demulsibility | ASTM D1401 | Excellent | Excellent | Excellent |
| Evaporation, % | ASTM D972 | 1.0 | 1.0 | 1.0 |
| Specific Gravity | ASTM D1298 | 0.88 | 0.89 | 0.89 |

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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



900 Centerpoint Blvd.
New Castle, DE 19720
P.....302-325-9880
F.....302-325-0335
info@ultracheminc.com