

ULTERRA SERIES SYNTHETIC COMPRESSOR OIL

The Ultrachem Ulterra Series of synthetic lubricants was designed to provide superior performance over mineral oils in air compressor applications. Under normal operating conditions, Ultrachem Ulterra can be expected to provide 8,000 plus hours of service life. Formulated from a blend of premium synthetic base stocks, these fluids will keep the compressor running clean and trouble-free during its life cycle. Ultrachem Ulterra offers a cost-effective solution to lubrication of compressed air systems and is compatible with most air compressor fluids on the market. This series is not compatible with silicone or polyglycol based fluids.

Typical Industrial Applications:

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

Performance Benefits:

- Extended oil change intervals compared to petroleum oils
- Superior film strength
- Excellent anti-wear properties
- High flash point
- Low pour point

| TYPICAL PROPERTIES | TEST METHOD | Ulterra 32 | Ulterra 46 | Ulterra 68 | Ulterra 100 |
|-----------------------|-------------|------------|------------|------------|-------------|
| ISO Grade | ASTM D2422 | 32 | 46 | 68 | 100 |
| Viscosity @ 40°C,cSt | ASTM D445 | 32 | 47.4 | 69.2 | 99.5 |
| Viscosity @ 100°C,cSt | ASTM D445 | 6 | 8.17 | 10.32 | 13.71 |
| Viscosity Index | ASTM D2270 | 146 | 146 | 134 | 138 |
| Flash Point, °C/°F | ASTM D92 | 234/453 | 259/498 | 248/478 | 248/478 |
| Pour Point, °C/°F | ASTM D97 | <-45/<-50 | <-45/<-50 | -35/-31 | -35/-31 |
| Demulsibility | ASTM D1401 | 40-40-0 | 40-40-0 | 40-40-0 | 40-40-0 |
| Specific Gravity | ASTM D1298 | 0.85 | 0.86 | 0.87 | 0.87 |

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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