



RED LINE SYNTHETIC OIL CORP.

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Synthetic PolyComp™ Compressor Lubricants

Red Line Synthetic Poly Compressor Lubricants are formulated with PolyAlpha Olefin and Poly Ester basestocks and are designed to provide superior thermal stability and wear protection compared to other commonly available synthetic and petroleum compressor lubricants resulting in superior cleanliness on all compressor parts. The excellent cleanliness of these synthetic basestocks help this product to provide up to 5% improvement in compressor efficiency due to better sealing of the compressor valves and rings. This product is designed to have seal compatibility which is similar to petroleum lubricants.

Typical Properties

| | PolyComp™ 10W | PolyComp™ 20W | PolyComp™ 30W |
|--------------------------------|------------------|------------------|------------------|
| Viscosity Grade: | | | |
| SAE | 10 | 20 | 30 |
| ISO | 32 | 68 | 100 |
| Vis @ 100°C | 5.5 | 8.6 | 11.1 |
| Vis @ 40°C | 32 | 66 | 90 |
| Viscosity Index | 110 | 110 | 110 |
| Pour Point | -65°F | -50°F | -45°F |
| Flash Point | 470°F | 495°F | 515°F |
| Fire Point | 525°F | 555°F | 570°F |
| Evaporation, 1hr @ 482°F, % | 7 | 3 | 3 |
| Evaporation, 6.5 hr @ 400°F, % | 6 | 3 | 2 |
| Conradson Carbon Residue, Wt% | 0.01 | 0.01 | 0.01 |
| Ash, wt% | Nil | Nil | Nil |
| Auto-Ignition Temperature | 730°F | 750°F | 750°F |
| 4-Ball Wear Test | | | |
| 1200 rpm, 40kg, 167°F | | | |
| Scar Diameter, mm | 0.36 | 0.36 | 0.36 |
| Demulsibility @ 130°F | 40-40-0(5) | 40-40-0(5) | 40-40-0(5) |
| Rust Test, 24 Hrs. | | | |
| Distilled Water | Pass | Pass | Pass |
| Sea Water | Pass | Pass | Pass |
| Density @ 60°F, lb/gal | 7.35 | 7.33 | 7.35 |