



TECHNICAL DATA

SYNPAR RC SERIES

FS-329

SYNPAR RC premium synthetic blend lubricants are a blend of synthetic and petroleum base fluids specially designed for compressor applications and are useful in multi-purpose applications.

SYNPAR RC provides exceptional performance in both high and low temperature applications, performance far beyond that required by industry and OEM specifications. This unique formulation keeps critical parts cleaner because it prevents sludge and deposits, even under sustained high-temperature operation. This extends service life by preventing the formation of deposits that can cause equipment failure. SynPar contains the most advanced thermally stable additive system on the market today.

SYNPAR RC Product shelf life is 3 years from the date of manufacture, after which the product should be recertified prior to use. For more information or help in specific applications call **1-800-807-4496**.

PHYSICAL PROPERTIES

SYNPAR RC SERIES

| PRODUCTS | PS-100 | PS-150 | PS-200 | PS-300 | PS-400 |
|------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| ISO Grade | 32 | 46 | 68 | 100 | 150 |
| Viscosity | | | | | |
| @ 40°C, cSt | 29.6 | 45.8 | 63.6 | 97.1 | 145.1 |
| @ 100°C, cSt | 5.12 | 6.68 | 8.31 | 10.97 | 14.31 |
| @ 100°F, SUS | 153 | 237 | 329 | 505 | 760 |
| @ 210°F, SUS | 43.4 | 48.6 | 54.2 | 63.7 | 76.7 |
| Viscosity Index | 100 | 97 | 99 | 97 | 96 |
| Pour Point, °F (°C) | -33 (-36) | -33 (-36) | -27 (-33) | -27 (-33) | -27 (-33) |
| Flash Point, °F (°C) | 440 (227) | 460 (238) | 480 (249) | 505 (263) | 510 (266) |
| Emulsion Tendency | 40/40/0 (15 mins.) | 40/40/0 (15 mins.) | 40/40/0 (15 mins.) | 41/39/0 (15 mins.) | 43/37/0 (10 mins.) |
| Four Ball Wear Test, mm1200 rpm, 167°F, 40 kg | 0.54 | 0.60 | 0.50 | 0.50 | 0.61 |