

WearGuard™ D-A SYN 2000 Series is specially formulated with ChemGuard™ PAO additive technology system. Under normal operating conditions you can expect extended drain cycles and experience 6,000 to 8,000 hours of use in rotary screw and rotary vane compressors.

WearGuard™ D-A SYN 2000 Series is based on a very thermally and oxidatively stable PAO (polyalphaolefin) base oil for use in a wide variety of air compressors. WearGuard™ D-A SYN 2000 Series is used where maximum seal, paint, plastic, and rubber compatibility is required.

WearGuard™ D-A SYN 2000 Series is formulated to resist varnish under high temperature applications and minimize impact from airborne contaminants.

Applications

- Rotary Screw
- Reciprocating
- Rotary Vane
- Vacuum Pumps

Characteristics

- Outstanding thermal and oxidative stability
- Compatible with most seals, plastics, rubbers
- Wide operating temperature range
- Non-detergent
- Anti-wear protection
- Compatible with most compressor oils
- High flash point means increased safety
- Extended drain intervals

Typical Properties

| WearGuard™ D-A SYN 2000 Series | ASTM Method | WearGuard D-A SYN 2032 | WearGuard D-A SYN 2046 | WearGuard D-A SYN 2068 | WearGuard D-A SYN 2100 | WearGuard D-A SYN 2150 |
|---|----------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| ISO Viscosity Grade | D2422 | 32 | 46 | 68 | 100 | 150 |
| Viscosity, cSt, 40° C/100° C | D445 | 32 / 5.5 | 46 / 7.5 | 68 / 9.5 | 100 / 14.5 | 150 / 18.3 |
| Viscosity Index | D2270 | 140 | 128 | 135 | 150 | 131 |
| Pour Point, °C/°F | D97 | -54 / -65 | -51 / -60 | -48 / -55 | -45 / -50 | -45 / -50 |
| Flash Point, °C/°F | D92 | 221 / 430 | 244 / 465 | 241 / 465 | 246 / 475 | 260 / 500 |
| Four Ball Wear 40kg, 1200rpm @ 75° C | D4172 | 0.43mm | 0.43mm | 0.43mm | .44mm | – |
| Foaming Sequences I, II, III | D892 | Nil | Nil | Nil | Nil | Nil |
| Copper Corrosion | D130 | 1B | 1B | 1B | 1B | 1B |
| Specific Gravity | D1298 | 0.85 | 0.86 | 0.86 | 0.86 | 0.86 |



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