



WearGuard™ D-A X-tended Hour SYN FQC is formulated with ChemGuard™, a proprietary breakthrough additive technology in rotary screw, rotary vane and reciprocating compressor lubricants. It offers significantly improved wear protection, oxidative stability and lubricity vs. currently available H-1 food grade synthetic lubricants. While many standard food grade compressor oils last 2,000 hours, WearGuard™ D-A X-tended Hour SYN FQC is designed to last 4,000 to 6,000 hours.

WearGuard™ D-A X-tended Hour SYN FQC was designed with a superior additive package meeting 1998 USDA H-1 and is NSF registered. Field tests have shown these lubricants to outlast other synthetic H-1 lubricants by 50% to 99%.

D-A Lubricant Company has raised the bar on performance for standard PAO/Ester based food grade lubricants. This new proprietary additive package greatly extends oil life and load carrying capability without exceeding TAN (total acid number) or viscosity limits.

Applications

- Rotary Screw
- Reciprocating
- Rotary Vane

Characteristics

- Designed for up to 6,000 Hours Use
- Meets USDA H1 Incidental Contact Requirements (FDA 21 CFR178.3570)
- Outstanding Wear & Lubricity Properties
- Excellent Oxidative Stability & Resistance
- Good Rust & Corrosion Protection
- Reduced Varnish & Carbon
- Low Pour Point & High Flash & Auto-Ignition Points
- High Film Strength

Typical Properties

| D-A X-tended Hour SYN FQC | ASTM Test | D-A X-tended Hour SYN FQC 46 | D-A X-tended Hour SYN FQC 68 | D-A X-tended Hour SYN FQC 100 |
|---------------------------------|-----------|------------------------------|------------------------------|-------------------------------|
| ISO Viscosity Grade | D2422 | 32/46 | 68 | 100 |
| Viscosity, cSt. 40° C | D445 | 38.8 | 59.7 | 98.7 |
| 100° C | D445 | 7.3 | 9.8 | 14 |
| Viscosity Index | D2270 | 154 | 148 | 144 |
| Pour Point | D97 | -50° C | -50° C | -50° C |
| | D97 | -58° F | -58° F | -58° F |
| Flash Point | D92 | 240° C | 240° C | 240° C |
| | D92 | 464° F | 464° F | 464° F |
| Specific Gravity °C | D1298 | 0.85 | 0.87 | 0.85 |
| Evaporation Loss % 22hrs 210° F | D972 | 1.0 | 1.0 | 1.0 |



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