

TRIBOLUBE®-18

Synthetic Hydrocarbon Greases

广州孚润 400-992-6811

CHARACTERISTICS

Tribolube-18 was designed for heavily loaded sliding and rolling applications. As a result, the steel-on-steel wear test data is reported with a 75 kg load rather than the standard 40 kg load. One customer who has now converted his entire plant to Tribolube-18 reported a reduction of electric power consumption by 12% and the operating temperature by 20°F when it was introduced to a high speed can decorating machine. Much lower parts wear rates were observed with corresponding less machine down time.

APPLICATIONS

Tribolube-18 is recommended for heavily loaded cams, slides, actuators, etc.

| PERFORMANCE TEST | TEST METHOD | CONDITION | TYPICAL VALUES |
|------------------------------|------------------------|---|----------------|
| Temperature Range | | | -80°F to 400°F |
| NLGINo. | | | 2 |
| Unworked Penetration | ASTMD-217 | @ 77°F | 270 |
| Worked Penetration | ASTMD-217 | 60 Strokes | 274 |
| Worked Stability | FED-STD-791 Method 313 | 100,000 Strokes | 280 |
| Evaporation | ASTMD-2595 | 72 hrs @ 350°F | 6.4% |
| Oil Separation | FED-STD-791 Method 321 | 30 hrs @ 350°F | 4.4% |
| Low Temperature Torque | ASTMD-1478 | @ -65°F Starting | 2,893 gm-cm |
| | | running | 1,105 gm-cm |
| Steel-on-Steel Wear | ASTMD-2266 | 1,200 rpm, 75 kg, 2 hrs, 52100 Steel | 0.84 mm |
| Load Wear Index | ASTMD-2596 | | 69 |
| Last Non-Seizure | | Load/Wear Scar | 80 kg/0.41 mm |
| Last Seizure | | Load/Wear Scar | 400 kg/3.12 mm |
| Weld Point | | Load | 500 kg |
| Rust Preventive Properties | ASTMD-1743 | 48 hrs @ 125°F | 1 |
| High Temperature Performance | ASTMD-3336 | 350°F, 10,000 rpm, 5 lbs. | 361 hrs. |
| | | 350°F, 10,000 rpm, 70 lbs. | 420 hrs. |

Extending Component Life with Tribolube Synthetic Lubricants®