



ACCROLUBE®
Finally, A High Efficiency Grease
That Outperforms The Others...



Accrolube® contains PTFE which creates a boundary lubrication film that reduces wear between metal surfaces and protects against corrosion.

COST SAVING FEATURES

Equipment Runs Smoother and Longer: Accrolube® deposits a fine protective and lubricating film on the metal that will continue to function even after the grease has extruded away.

Temperature/Load Problem Solver: Microparticles of PTFE suspended in Accrolube® ensure continued performance on equipment operating at high loads and extreme temperatures.

Resistant to Water and Weather: Provides extended protection against rust in moist environments and won't migrate from hot surfaces...a real plus on precision equipment and heavy machinery.

Downtime Reduced: Maintenance downtime periods are reduced or eliminated through the efficiency of this lubricant, also, no mess or contamination.

Reduction of Grease Inventory: One application of Accrolube® can do the same job as many applications of conventional grease.

316 W. Briggs Street
Tel: 269-649-1014

PO Box 210
Fax 269-649-1067

Vicksburg, MI 49097
www.accroseal.com

Accrolube® is a registered trade mark of AccroSeal.



Accrolube® Applications

- Push-pull cables
- Pneumatic cylinders
- Valves
- Hydraulic equipment
- Conveyors
- Marine equipment
- Construction equipment
- Motors
- Gears-bearings-bushings
- Office machines
- Electronics
- Pumps
- Guns-fishing gear
- Farm equipment
- Roller bearings

A pre-lube program, using ACCROLUBE® has resulted in appreciable improvements in product life, so stated by a cylinder manufacturer. The convincing qualities were:

- The micro particles of fluorocarbon resin deposit a protective coating that remains in service even if the petroleum grease is wiped away.
- The PTFE base effectively lubricates at temperatures over 600°F to as low as -50° F.
- Life testing of cylinders exceeded 40 million inches of travel.
- Unaffected by corrosive moisture, does not migrate from hot surfaces and does not lose consistency in the presence of water.
- Evaporation tests, after 22 hrs. at 350°F there was 2.89 percent evaporation.
- Did not turn hard, crack or peel from applied surface.
- Available in 1.5 oz. Tube, 14.5 oz. cartridge, 1 and 5 lb can, 35 lb pail, 120 lb. And 400 lb. drum.

Technical Specifications

- Services under load conditions up to 7000 PSI.
- Lubricates at temperature ranges from -35° F to 450 F.
- Low temperature torque -35° F (ASTM D-1478)
Starting torque – 6549 inch lb.
Running torque – 916 inch lb.
- Salt Spray – FTM-4001.
Galvanic corrosion, 48 hours – excellent.
- Meets or exceeds the requirement of MIL-G-23549

Rated H2-U.S.D.A. approved

316 W. Briggs Street
Tel: 269-649-1014

PO Box 210
Fax 269-649-1067

Vicksburg, MI 49097
www.accroseal.com



ACCROLUBE® TYPICAL PHYSICAL PROPERTIES

| PROPERTIES | METHOD | VALUES |
|---|-------------|---------------------|
| Dropping point °F | ASTM D-566 | 458 |
| Penetration cone – unworked | ASTM D-217 | 284 |
| Penetration cone-worked | ASTM D-217 | |
| 60 strokes | | 287 |
| 10,000 strokes | | 295 |
| Percent change | | 2.8% |
| Roll Stability Test – 4 hours | | No change |
| Oxidation Stability Lbs/Drop/100 Hrs | ASTM D-942 | 3 |
| Bleeding and Evaporation | ASTM D-972 | |
| Bleeding | | Nil |
| Evaporation @ 250° F | | <.01 |
| Oil Separation – 24 hrs @ 212° F | FTNS – 791B | 1.5% |
| Rust Preventative | ASTM D-1743 | Excellent |
| Water Washout | ASTM D-1264 | 0.86% |
| Wear (Falex) @ 1450 Lb load | ASTM D-2670 | Excellent |
| Wheel Bearing Test @ 250° F | | Excellent |
| Wear, Steel on Steel (4 ball) | ASTM D-2266 | Wear Scar – 0.36 mm |
| (1 hr. 248° F., 40kgs) | | |
| 1 800 rpm – Coeff. of Friction | | 0.08 |
| Timken Test – Beam load, 30 lbs: (10,170 psi-800 rpm) | | Wear scar – 1.50 mm |
| High Temperature Performance: 500 hrs – 10,000 rpm @ 450° F. Pass | | |

BASE OIL

| | | | |
|--------------------------|------|-------------------------|------|
| Viscosity @ 100° F., SUS | 990 | Viscosity @ 100° C., CS | 15.4 |
| Viscosity @ 40° C., CS | 193 | Pour point | +10 |
| Viscosity @ 210° F., SUS | 79.8 | Timken EP, lbs | 45 |

316 W. Briggs Street
Tel: 269-649-1014

PO Box 210
Fax 269-649-1067

Vicksburg, MI 49097
www.accroseal.com