

MOLYGULF SPECIALIZED LUBRICANTS

Ultimate High Performance Specialty Lubricants



SG-70 MOLY SYNTHETIC BLACK GREASE



SG-70 Moly Synthetic Black Grease is an advanced high performance Multi-Purpose Extreme Pressure Grease, which provides excellent lubricating protection under the most adverse conditions.

APPLICATION:

Truly Multi-purpose, One grease for all type of bearings, including plain bearing, heavily loaded journal bearings, ball and roller bearings, needle bearings, couplings, wheel bearings, disc brake, fifth wheels, U-joints, steering linkage, chassis and excellent for most automotive, construction, mining, farming and industrial equipment of excessive pressure, heat, cold, moisture, high and low speeds.

FEATURES:

1. Excellent pumpability, characteristics for use in centralized lube systems.
2. Excellent water wash out resistant.
3. Excellent shear and mechanical stability.
4. Excellent resistant to oxidation.
5. Adhesive to metal surface.
6. Excellent rust and corrosion protection.

Incorporated into this blend of high viscosity index 100% paraffin base oils, aluminum complex thickener, selected additives and the polymer base additive system is synthesized Moly and a proprietary solid lubricant. The synthesized Moly and this proprietary solid lubricant acting in synergism with each other plates themselves to the metal surfaces of the bearings. Once plated to the metal surfaces of the bearings, the synthesized Moly and the proprietary solid lubricant form a long lasting solid lubricant film that is capable of withstanding pressures up to 500,000 pounds per square inch, thus giving the metal surfaces of the bearings the protection they need during periods of high speed, high shock loads and extreme pressure.

TYPICAL SPECIFICATIONS:

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| NLGI | 0 | 1 | 2 |
|--|-------------------|-------------------|-------------------|
| Type Thickener | Aluminium Complex | Aluminium Complex | Aluminium Complex |
| Dropping Point F/C | 520/270 | 520/270 | 520/270 |
| Worked Penetration, 77 F/25 C | 355-385 | 310-340 | 280-295 |
| Rust Test ASTM D-1743 | 1,1,1 | 1,1,1 | 1,1,1 |
| Water wash-out Test (ASTM D-1264) % Loss 175 F/79 C | - | 4.2% | 4.2% |
| Oxidation Stability Psi loss at 100 hr | 1 | 2 | 2 |
| Timken Ok Load ASTM D-2509, failure load, lbs | 60 | 60 | 60 |
| Four Ball Wear Test, Scan Diameter, mm ASTM D-2266 | .68mm | .6 mm | .6 mm |
| Four Ball EP Test, ASTM D-2596, Load wear index (kg) | 36.8 | 41.8 | 45.1 |
| Base Oil Viscosity Viscosity SUS 100F (ASTM D-445) | 615 | 1300 | 1300 |
| Cst 40 C (ASTM D-445) | 116.88 | 244.96 | 244.96 |
| Cst 100 C (ASTM D-445) | 12.38 | 19.71 | 19.71 |
| Appearance | Black – Blue | Black – Blue | Black - Blue |