

# S-OIL GREASE MOLY

Multipurpose extreme pressure lithium grease with molybdenum disulfide

## Applications

- S-OIL GREASE MOLY is a true multipurpose grease, formulated for lubrication of various shock loaded or vibrating applications in transport, agriculture and off road equipment, operating in wet, dusty and/or dry conditions.
- S-OIL GREASE MOLY is suitable for boundary lubrication at high pressures and high temperatures. In case of accidental overheating, the presence of molybdenum disulfide will guarantee good lubrication, and avoid any jamming or sticking.
- S-OIL GREASE MOLY always avoid contamination of the grease by dust and/or dirt when applying. preferably use a pneumatic pump system or cartridges.

## Advantages

- S-OIL GREASE MOLY forms a durable lubrication film, resulting in reduction of maintenance and down-time costs.
- Miscible with most other conventional soap greases
- Excellent mechanical stability avoiding ejection or loss of consistency during operation.
- Excellent adhesion to metal.
- Good thermal stability, leading to high resistance to temperature variations.
- S-OIL GREASE MOLY does not contain lead, or other heavy metals considered harmful to human health and the environment.

## Specification

- ISO 6743-9: L-XBCEB 1, L-XBCEB 2
- DIN 51 502: MPF1K -30, MPF2K -25

## Characteristic

| Test Items                     | Method              | Unit  | No.1    | No.2    |
|--------------------------------|---------------------|-------|---------|---------|
| NLGI grade                     | ASTM D-217          |       | 1       | 2       |
| TEXTURE                        |                     |       | Smooth  | Smooth  |
| Color                          | ASTM D-1500         |       | Gray    | Gray    |
| Operating Temperature          |                     | °C    | -30~125 | -25~130 |
| Penetration, 25°C              | ASTM D-217          | 0.1mm | 320     | 276     |
| 4-Ball Weld Load               | ASTM D-2596         | kgf   | 400     | 400     |
| Cooper corrosion, 100°C X 24hr | ASTM D-130          |       | 1a      | 1a      |
| Dropping point                 | IP 396/DIN ISO 2176 | °C    | >190    | >190    |

\* The typical characteristics are given as a guide only.