



Mobil SHC™ Grease 68 Moly

Mobil Industrial , United States

All-Weather Extreme Pressure Grease

Product Description

Mobil SHC™ Grease 68 Moly is a synthetic all-weather grease that offers excellent lubrication performance over a very wide operating temperature range. The lithium complex soap technology used in Mobil SHC Grease 68 Moly contributes to long life through excellent oxidation stability, good shear stability, and high temperature protection.

Mobil SHC Grease 68 Moly is designed for use in central systems on heavy duty mobile equipment. It is fortified with 5% Molybdenum disulphide, which is required by several major OEM's for their equipment. Mobil SHC Grease 68 Moly is designed to be dispensable in central grease systems at temperatures as low as -50°C.

Features and Benefits

- Extraordinary high and low temperature performance compared to conventional greases, provides protection at high temperatures and low torque, easy start-up at low temperatures
- Very good rust and corrosion protection provides high performance in wet conditions for reduced downtime and maintenance costs
- Strong extreme pressure and antiwear capability enhance bearing protection under difficult operating conditions to reduce maintenance costs and downtime

Applications

- Designed for chassis lubrication on surface and underground heavyuty mobile equipment where central lubrication systems are in use
- Operating temperatures ranging from -50° C to 150° C
- As a general purpose grease in many industrial applications, indoors and outdoors, in both cold and high temperature applications

Properties and Specifications

| Property | |
|--|------------|
| Grade | NLGI 0 |
| Color, Visual | Gray-Black |
| Penetration, 60X, 0.1 mm, ASTM D217 | 357 |
| Dropping Point, °C, ASTM D2265 | 223 |
| Timken OK Load, kg, ASTM D2509 | 29 |
| Corrosion Preventive Properties, Rating, ASTM D1743 | Pass |
| US Steel Mobility @ -30 F, g/min, AMS 1390 | 25.8 |
| Lincoln Ventmeter, -30 F, psi, Lincoln - Grease Ventability by Lincoln Ventmeter | 331 |
| Flow Pressure @ -50 C, mbar, DIN 51805 | 275 |
| Four-Ball Extreme Pressure Test, Weld Point, kgf, ASTM D2596 | 500 |

| Property | |
|--|------|
| Viscosity @ 40 C, Base Oil, mm ² /s, ASTM D445 | 68 |
| Viscosity @ 100 C, Base Oil, mm ² /s, ASTM D445 | 11.6 |
| Viscosity Index, ASTM D2270 | 166 |

Health and safety

Health and Safety recommendations for this product can be found on the Material Safety Data Sheet (MSDS) @ <http://www.msds.exxonmobil.com/psims/psims.aspx>

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Typical Properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice. All products may not be available locally. For more information, contact your local ExxonMobil contact or visit www.exxonmobil.com

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