

Mobil 1 Synthetic Grease

High performance automotive grease

Product Description

Mobil 1 Synthetic Grease is an NLGI No. 2 high-performance grease which combines a synthetic base fluid with a lithium complex soap thickener. The thickener system provides a high dropping point, while additives impart optimum extreme-pressure properties and excellent resistance to water wash, and outstanding protection against rust and corrosion. Mobil 1 Synthetic Grease has excellent structural stability and low-temperature pumpability, making it an outstanding automotive grease.

Features & Benefits

Mobil 1 Synthetic Grease provides the following advantages and benefits:

- All-purpose automotive service
- Operating range of -37°C (-35°F) to +232°C (+450°F)
- Excellent resistance to rust and corrosion
- Outstanding structural stability
- Excellent wear protection under heavy loads
- Good shock loading protection
- Excellent resistance to water wash
- Outstanding service life

Applications

Mobil 1 Synthetic Grease meets the requirements of the National Lubricating Grease institute (NLGI) performance classification GC-LB. It is recommended for automotive applications at both high and low temperatures. It is particularly suited for applications such as disc brake wheel bearings, ball and steering joints, and universal joints. It will provide outstanding bearing protection under heavy loads at any highway speed, and where moisture or condensation is a factor.



Typical Properties

| Mobil 1 Synthetic Grease | |
|--|------------------------|
| Product Number | 53201-0 |
| NLGI Grade | 2 |
| Soap Type | Lithium Complex |
| Structure | Smooth; Slight Tack |
| Color | Red |
| Penetration, ASTM D 217 | |
| Worked x 60 strokes | 280 |
| Worked x 10,000 strokes | 295 |
| Worked x 100,000 strokes | 305 |
| Dropping Point, °C (°F) | 288 (550) |
| Viscosity of Oil, ASTM D 445 | |
| cSt at 40°C | 220 |
| cSt at 100°C | 23.8 |
| ISO Viscosity Grade | 220 |
| Timken OK Load, ASTM D 2509, lb | 45 |
| Four-Ball Wear Test, ASTM D 2266, scar Diam, mm | 0.40 |
| Four-Ball EP, ASTM D 2596, Weld Load, kg | 250 |
| Four-Ball EP, Load Wear Index | 45 |
| Corrosion Prevention, ASTM D 1743 | Pass |
| Emcor/SKF Water Wash Test, IP 220 (modified) | 0.0 |
| Water Washout, ASTM D 1264, 79°C (175°F), wt % | 6 |

Health & Safety

Based on available toxicological information, this product produces no adverse effects on health when properly handled and used. No special precautions are suggested beyond attention to good personal hygiene, including laundering grease-soaked clothing and washing skin-contact areas with soap and water. A Material Safety Data Bulletin is available by calling 1-800-227-0707, Ext. 3265. For additional technical information or to identify the nearest U.S. Mobil supply source, call 1-800-662-4525.

