

76 Moly Low Temp

76 Lubricants Moly Low Temp is a multipurpose, extreme-pressure (EP) aluminum complex soap grease developed for use in automotive and industrial equipment operating at low ambient temperatures down to -40°F . It has good mobility at low temperatures plus a high dropping point for year-round use in arctic climates.

Moly Low Temp Grease is manufactured with a low-viscosity naphthenic base oil, an aluminum complex soap thickener and select additives that provide extreme-pressure and antiwear properties, good oxidation resistance, and rust and corrosion protection. It is fortified with 5% molybdenum disulfide for extra protection in equipment operating under heavy or shock load conditions. It has good shear stability and resistance to water washout. It is suitable for both winter and summer use in arctic climates.

Applications

- Mobile equipment and industrial machinery operating for prolonged periods at temperatures substantially below 32°F
- Chassis parts, wheel bearings, spring shackles and king pins on automotive and other mobile equipment operating in arctic climates
- Chassis parts and wheel bearings on mobile equipment such as lift trucks operating in refrigeration plants, cold storage rooms and sharp-freeze rooms
- Plain and rolling-element bearings, slides and linkages on equipment operating in cold rooms or at low ambient temperatures
- Track roller bearings and chassis parts on tractors, coal haulers, snow removal equipment and other heavy equipment operating in cold climates

Features/Benefits

- Suitable for year-round use in mobile equipment and industrial machinery operating in arctic climates
- Good low-temperature properties down to -40°F
- Good extreme-pressure and antiwear properties
- Contains moly for extra protection under heavy or shock loads
- Good oxidation resistance
- Protects against rust and corrosion

**Low-Temperature
Aluminum Complex
Grease With
5% Moly**

**Customer Service
Number:
1-888-766-7676**

**Technical Hot Line:
1-800-435-7761**

**E-mail Address:
*76lubricants@
conocophillips.com***



- Good shear stability
- Good resistance to water washout

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Typical Properties

NLGI Grade	1
Thickener	Aluminum Complex
Color	Gray-Black
Dropping Point, °C (°F)	212 (415)
Density, lbs/gal	7.68
Penetration, Worked (60 strokes), ASTM D217	325
Texture	Smooth
Molybdenum Disulfide, wt %	5
Oxidation Stability, ASTM D942, 100 hrs, Pressure Drop, psi (kPa)	5 (35)
Rust Prevention, ASTM D1743	Pass
Timken OK Load, ASTM D2509, lb	45
Base Oil Properties:	
Viscosity,	
cSt @ 40°C	24.0
cSt @ 100°C	4.2
SUS @ 100°F	125
SUS @ 210°F	40.3
Viscosity Index	55
Usable Temperature Range,	
°C	-40 to 157
°F	-40 to 315

Health and Safety Information

For recommendations on safe handling and use of this product, please refer to the Material Safety Data Sheet via <http://w3.conocophillips.com/NetMSDS>.

Due to continual product research and development, the information contained herein is subject to change without notification.

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