



## Moly Low Temp

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 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 subject to heavy or shock loads. 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 industrial 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
- Good shear stability
- Good resistance to water washout

**Extreme-Pressure  
Aluminum Complex  
Grease With  
5% Moly for  
Low-Temperature  
Applications**

Customer Service  
Number:  
1-714-556-0808

Email Address:  
Anthony@  
Intraoil.com



## Moly Low Temp Typical Properties

<b>NLGI Grade</b>	<b>1</b>
Thickener	Aluminum Complex
Color	Gray-Black
Dropping Point, °C (°F)	260 (500)
Density, lbs/gal	7.68
Penetration, Worked (60 strokes), ASTM D217	310-340
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
<b>Base Oil Properties:</b>	
Viscosity,	
cSt @ 40°C	24.0
cSt @ 100°C	4.2
SUS @ 100°F	125
SUS @ 210°F	40.3
Viscosity Index	55
<b>Usable Temperature Range,</b>	
°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>.

Typical properties are average values only and do not constitute a specification. Minor variations that do not affect product performance are to be expected during normal manufacture, and at different blending locations. Product formulations are subject to change without notification.

Copyright © 2009 ConocoPhillips Company. The ConocoPhillips logo, Conoco, the Conoco logo, Phillips 66, the Phillips 66 logo, 76 and the 76 logo are trademarks of ConocoPhillips Company in the U.S.A. and other countries.