



PRODUCT DATA SHEET



MOLYLUBE® EXTREME PRESSURE GREASE AC

Molyube Extreme Pressure Grease AC, commonly known as Molyube 126 EP Grease, is a mineral oil based, Extreme Pressure aluminum complex grease. Because it is an aluminum complex grease, **Molyube Extreme Pressure Grease AC** exhibits all of the beneficial characteristics of that thickener, including resistance to water washout, excellent pumpability, and mechanical and thermal stability. **Molyube Extreme Pressure Grease AC**'s low oil separation and good pumpability make it ideal for use in centralized lubrication systems. It's recommended for general greasing of mining machinery.

Applications

- ◆ Dragline and shovel main machinery bearings, slewing bearings, crawler pins and bushings, bucket pins
- ◆ Process machinery and general plant lubrication
- ◆ Manual or automatic lubrication of rolling stock chassis, articulated joints and run-of-the-mine vehicles

Features and Benefits

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| ◆ Extreme Pressure and anti-wear properties | Maximizes component useful life helping to reduce replacement part costs and lost production time. |
| ◆ Water resistant | Maximizes bearing retention in wet environments. |
| ◆ Molyube lubricating solids | An effective level of lubricating solids for improved load carrying protection and friction reduction. Extends component life. |
| ◆ Exceptional mechanical and thermal stability | Maximizes bearing retention in high shear and high temperature environments. |

General Description

Molyube Extreme Pressure Grease AC is a multi-purpose, Extreme Pressure, water resistant lubricant manufactured with paraffinic base oils, an aluminum complex thickener and rust and oxidation inhibitors. **Molyube Extreme Pressure Grease AC** provides outstanding film strength, adhesive properties and superior wear protection in heavily loaded and shock-load conditions. This product provides excellent lubrication over a wide range of operating conditions.

Product No. 301200, 301201, 301696

MOLYLUBE[®] EXTREME PRESSURE GREASE AC

TYPICAL PROPERTIES

<u>Product No.</u>	<u>301200</u>	<u>301201</u>	<u>301696</u>
<u>Old Product No.</u>	<u>23200</u>	<u>23220</u>	<u>23240</u>
NLGI Grade	AC 0	AC 1	AC 2
Penetration, worked (60 strokes), ASTM D217 mm/10	370	325	280
Viscosity (Base Fluid), ASTM D445			
@ 40°C, cSt	150	220	180
@ 100°C, cSt	14.87	19.3	16.2
Viscosity (Base Fluid), ASTM D2161			
@ 100°F, SUS	786	1160	950
@ 210°F, SUS	79.1	98.1	84.7
Dropping Point, ASTM D2265			
°C	237	248	254
(°F)	(458)	(478)	(489)
Pumpability, Lincoln Ventmeter, from 1800 psi			
@ Room Temperature, ~25°C (~77°F) psi	0	250	300
@ -1°C (30°F), psi	200	525	600
@ -18°C (0°F), psi	800	1125	1300
Water Washout, ASTM D1264			
@ 79°C (175°F), loss, weight %	4.8	3.5	1.8
4-Ball EP Test, ASTM D2596			
Weld Load, kg	620	620	620
Load Wear Index, kg	99	99	99
Timken EP Test, ASTM D2509			
OK Load, kg (lb)	29.5 (65)	29.5 (65)	29.5 (65)
4-Ball Wear Test, 40 kg, 1 hr, 75°C			
Scar Diameter, mm	0.65	0.68	0.67
Rust Protection, ASTM D1743, rating	Pass	Pass	Pass
Color	Black	Black	Black