



Molyube[®] Extreme Pressure Grease AC

PRODUCT DESCRIPTION

Bel-Ray[®] 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. 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 FEATURES

- Extreme Pressure and anti-wear properties
- Water resistant
- Molyube lubricating solids
- Exceptional mechanical and thermal stability

BENEFITS

- Maximizes component useful life helping to reduce replacement part costs and lost production time.
- Maximizes bearing retention in wet environments.
- An effective level of lubricating solids for improved load carrying protection and friction reduction. Extends component life.
- Maximizes bearing retention in high shear and high temperature environments.

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



PRODUCT DATA

Typical Properties			
Property	Test Method	NLGI Grade 1	NLGI Grade 2
Thickener Type		Aluminum Complex	Aluminum Complex
Worked Penetration @ 25°C, 60 strokes (0.1 mm)	ASTM D217	325	280
Base Fluid Viscosity @ 40°C (cSt)	ASTM D445	220.0	220.0
Base Fluid Viscosity @ 100°C (cSt)	ASTM D445	15.4	15.4
Dropping Point, °C (°F)	ASTM D2265	248 (478)	261 (502)
Pumpability, Lincoln Ventmeter, from 1800 psi @ Room Temperature, ~25°C (psi)			
@ -1°C (psi)		250	300
@ -18°C (psi)		525	600
		1125	1300
Water Washout @79°C (175°F), % loss	ASTM D1264	3.5	1.8
4-Ball EP Test, Weld Load (kgf)	ASTM D2596	620	620
4-Ball EP Test, Load-Wear Index (kgf)	ASTM D2596	99	99
Timken EP Test, OK Load (lbs)	ASTM D2509	29.5 (65)	29.5 (65)
4-Ball Wear Test, @ 1200 rpm, 40 kgf, 60 min, 75°C Scar Diameter (mm)	ASTM D4172	0.68	0.67
Corrosion Preventive Properties	ASTM D1743	Pass	Pass
Color		Black	Black

HEALTH and SAFETY

Health and safety recommendations for products can be found on the Safety Data Sheet (SDS) at www.belray.com

DISTRIBUTED BY:
 Calumet Branded Products, LLC
 1060 N Capitol Ave
 Suite 6-401
 Indianapolis, IN 46204
 Technical Services: 317-328-5660
www.belray.com

To the best of our knowledge, the information contained herein is accurate, but is given without warranty or guarantee. We assume no liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of the suitability of any information or material for the use contemplated, the name in use and whether there is any infringement of patents is the sole responsibility of the user.

All trademarks are owned by one or more affiliates within the Calumet, Inc. organization, unless otherwise specified.

© 2026 Calumet, Inc.

6/12/2026