



## Molyube<sup>®</sup> Extreme Pressure High Viscosity Grease

### PRODUCT DESCRIPTION

Bel-Ray<sup>®</sup> Molyube<sup>®</sup> Extreme Pressure High Viscosity Grease is an aluminum complex, multipurpose grease formulated to extend the service life of machine components in the severe duty applications encountered in mining, quarrying, construction, cement and other heavy industries where its high base oil viscosity ensures maximum lubricating film thickness. Molyube Extreme Pressure High Viscosity Grease is especially effective when used to lubricate the suspension components of heavy duty equipment such as excavators, dozers, loaders and haul trucks. The rust and corrosion inhibitors utilized also provides full protection of equipment surfaces. NLGI Grade 1 is Komatsu approved.

### PRODUCT FEATURES and BENEFITS

- Extreme Pressure maximizes bearing retention in high shear and high temperature environments
- Anti-wear properties maximizes component useful life helping to reduce replacement part costs and lost production time
- Impact resistant High base oil viscosity resists “squeeze out” during normal and severe operation for improved product retention.
- Extended lubrication cycles primary savings are derived from extended lubrication cycles with additional savings resulting from reduced labor and downtime

### APPLICATIONS

Bel-Ray Molyube Extreme Pressure High Viscosity Grease is suitable for use in centralized lubrication systems of heavy-duty mobile equipment and excavators, heavily loaded anti-friction and plain bearings, roller mill bearing, bucket pins, sliding surfaces and grease lubricated track pins.



## 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	275
Base Fluid Viscosity @ 40°C (cSt)	ASTM D445	685.0	685.0
Base Fluid Viscosity @ 100°C (cSt)	ASTM D445	38	38
Dropping Point, °C (°F)	ASTM D2265	258 (496)	265 (509)
Copper Corrosion, 3 h @ 100°C (Rating)	ASTM D4048	1b	1b
Reactivity with Water (Immersion Test)	FTM-791-3463.2	0-1	0-1
Water Washout @79°C (175°F), % loss	ASTM D1264	5.5	4.8
4-Ball EP Test, Weld Load (kgf)	ASTM D2596	800	800
4-Ball EP Test, Load-Wear Index (kgf)	ASTM D2596	72.3	72.3
Timken EP Test, OK Load (lbs)	ASTM D2509	22.7 (50)	22.7 (50)
Corrosion Preventive Properties	ASTM D1743	Pass	Pass
EMCOR Rust Protection, rating, Distilled Water	ASTM D6138	1, 1	1, 1
Color		Gray	Gray
Low Temperature Torque Test, Starting Torque, @ -4°C (25°F), mNm Running Torque, @- 4°C (25°F), mNm	ASTM D1478	-- --	-- --

## HEALTH and SAFETY

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