



Termalene[®] Grease 2

PRODUCT DESCRIPTION

Bel-Ray[®] Termalene[®] Grease 2 is superior general-purpose grease formulated with an aluminum complex thickened and mineral oil-based grease with anti-wear properties designed for a wide range of applications. Thus, resulting in economic benefits of reduced inventory, reduced wear and component failure while minimizing the chance for error by applying the wrong grease.

Termalene Grease 2 meets CID (Commercial Item Description) A-A-50433 Specification for many military applications.

PRODUCT FEATURES

- Shear stable
- Waterproof
- Versatile useful temperature range
- Reduced friction

BENEFITS

- Aluminum complex thickening system provides mechanical stability
- Excellent resistance to water washout
- Protects at low and high temperatures in a wide range of applications
- Increases operation efficiencies and equipment component service life

APPLICATIONS

- All types of anti-friction or plain bearings
- General machinery lubrication
- Chassis lubrication including ball and universal joints
- Equipment subjected to wet environments

PRODUCT DATA

Typical Properties		
Property	Test Method	NLGI Grade 2
Thickener Type		Aluminum Complex
Worked Penetration @ 25°C, 60 strokes (0.1 mm)	ASTM D217	280
Base Fluid Viscosity @ 40°C (cSt)	ASTM D445	180
Base Fluid Viscosity @ 100°C (cSt)	ASTM D445	16.2
Dropping Point, °C (°F)	ASTM D2265	>260 (>500)
Copper Corrosion, 3 h @ 100°C (Rating)	ASTM D4048	1b
Mechanical Stability, Penetration Change After 10,000 Strokes (%)	ASTM D217	7.5
Oxidation Stability, Pressure drop @ 100 hrs (kPa)	ASTM D942	27.6 (4)
Corrosion Preventive Properties	ASTM D1743	Pass
Water Washout @ 79°C (175°F), % loss	ASTM D1264	4.9
4-Ball Wear Test, @ 1200 rpm, 40 kgf, 60 min, 75°C Scar Diameter (mm)	ASTM D2266	0.61
4-Ball Wear Test, @ 1200 rpm, 40 kgf, 60 min, 75°C Coefficient of Friction	ASTM D2266	0.101
Useful Temperature Range, °C (°F)		-40 to 177 (-40 to 350)
Texture		Smooth
Color		Blue-Green

HEALTH and SAFETY

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