



Termalene® Heavy Duty Construction Grease

PRODUCT DESCRIPTION

Bel-Ray® Termalene® Heavy Duty Construction Grease, commonly known as Termalene EP 2C Ex Tacky Grease, is a very tacky, aluminum complex, Extreme Pressure grease designed to be used on bearings, pins and bushings, or sliding surfaces. Termalene Heavy Duty Construction Grease has exceptional anti-wear and waterproof characteristics which increase bearing life. Extreme Pressure characteristics combined with excellent mechanical stability provide a constant high level of protection throughout use. Termalene Heavy Duty Construction Grease offers exceptional retention properties which can be attributed to its water resistance and extreme tackiness.

Termalene Heavy Duty Construction Grease is an extremely adhesive aluminum complex grease offering outstanding shear stability as well as controlled mobility. The load carrying and anti-wear capabilities are superior to conventional greases in applications where bearings are subjected to very high loads, slow speeds and elevated temperatures.

PRODUCT FEATURES and BENEFITS

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| • Mechanical Stability | Does not thin despite prolonged shearing, permitting lubrication frequencies to be extended. |
| • Extreme pressure and anti-wear properties | Maximizes component life helping to reduce replacement part costs and lost production time. |
| • Virtually waterproof | Offers excellent resistance to water washout, even when exposed to the action of hot process water. |
| • Extremely adhesive | The retentive nature of the grease provides optimum parts life while reducing relubrication to an absolute minimum. |

APPLICATIONS

- All types of plain and anti-friction bearings found on construction, farm and mining machinery
- Pins and bushings and sliding surfaces such as ways and fifth wheels
- Bearings that are subjected to severely wet conditions, e.g., the “wet end” on paper machines or equipment exposed to sea water

PRODUCT DATA

Typical Properties		
Property	Test Method	NLGI Grade 2
Thickener Type		Aluminum Complex
Base Fluid Type		Mineral Oil with Synthetic Polymer
Worked Penetration @ 25°C, 60 strokes (0.1 mm)	ASTM D217	284
Base Fluid Viscosity @ 40°C (cSt)	ASTM D445	269
Base Fluid Viscosity @ 100°C (cSt)	ASTM D445	23.4
Dropping Point, °C (°F)	ASTM D2265	>260 (>500)
Water Washout (% Wt. Loss) @ 38°C (100°F) @ 79°C (175°F)	ASTM D1264	0.75 4.5
4-Ball EP Test, Load-Wear Index (kgf)	ASTM D2596	51.3
4-Ball EP Test, Weld Load (kgf)	ASTM D2596	400
Corrosion Preventive Properties	ASTM D1743	Pass
Useful Temperature Range, °C (°F)		-12 to 177(10 to 350)
Color		Sparkle Red

HEALTH and SAFETY

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