

Balmerol® SCHAT 2

High Temperature Grease

Product Data Sheet

Product Description

BALMEROL SCHAT 2 GREASE is premium grade high performance grease. The superior characteristics of Balmerol SCHAT 2 are attributed to its specially formulated over base Calcium Sulphonate complex thickener in a refined mineral oil. The over base Calcium Sulphonate complex thickener system of Balmerol SCHAT 2 is characterized by a very high drop point, outstanding oxidation stability, excellent water resistance properties, shear stability, anti-wear and extreme pressure properties and a unique reversible viscosity temperature behavior. Balmerol SCHAT 2 exhibits flow property, nonaging, reversibility, thermal and shear stability and water resistance characteristics that are unmatched by other soap or non-soap base grease.

Applications

BALMEROL SCHAT 2 GREASE is specially recommended for all heavy duty steel plant and engineering applications where resistance to high temperatures, loads, humidity and water is critical. Due to its reversible property, Balmerol SCHAT 2 is particularly beneficial in application where temperature tends to shoot-up intermittently for short duration. Typical applications of Balmerol SCHAT 2 include continuous casters, couplings and runout rolls in steel plants, wheel bearings and CV joints in automobiles, rock crushers and conveyors in mining and bearings and spindles in pulp and paper mills.

Availability

BALMEROL SCHAT 2 GREASE is normally available in drum and pail.

Typical Data

BALMEROL SCHAT 2 GREASE (High Temperature Grease)			
No	Characteristics	Method	Specification
1	Texture	Visual	Smooth & Homogenous
2	Type of thickener	--	Sulfonate Complex
3	Worked penetration 60 strokes @ 25°C, 1/10 mm	ASTM D 217	270
4	Dropping Point, Deg C	ASTM D 2265	310
5	Four ball weld load, kgs	ASTM D 2596	315
6	Four ball scar diameter, mm	ASTM D 2266	0.5
7	Water Wash Out, % by wt	ASTM D 1264	0.8
8	Copper Strip Corrosion	ASTM D 4048	1b

Health and Safety

BALMEROL SCHAT 2 GREASE is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Safety Data Sheet (SDS) are followed.

For further information, contact:

PT. Balmer Lawrie Indonesia

Graha STR 2nd floor suite 203, Jl. Raya Ampera No. 11 Ragunan, Jakarta Selatan, Indonesia

Tlp : 021-781 8162 ; Email : cs@bli.co.id ; Website : www.bli.co.id