

*Always Smooth, Always Ahead*  
**BALMEROL GREASE SC-HT**  
 [High performance truly multipurpose grease]

**PRODUCT DESCRIPTION**

BALMEROL GREASE SC-HT is premium grade high performance grease. The superior characteristics of BALMEROL GREASE SC-HT are attributed to its specially formulated over base Calcium organic complex thickener in a refined mineral oil. The over base Calcium organic complex thickener system of BALMEROL GREASE SC-HT 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 GREASE SC-HT exhibits flow property, non-aging, reversibility, thermal and shear stability and water resistance characteristics that are unmatched by other soap or non-soap base grease.

**APPLICATIONS**

BALMEROL GREASE SC-HT 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 GREASE SC-HT is particularly beneficial in application where temperature tends to shoot-up intermittently for short duration. Typical applications of BALMEROL GREASE SC-HT include continuous casters, couplings and run-out 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 GREASE SC-HT is available in 180 Kg drums and 18 Kg packing size only

SN	CHARACTERISTICS	SPECIFICATION	TEST METHOD
1	NLGI Grade	1.5	ASTM D 217
2	Texture	Smooth, homogenous	Visual
3	Thickener type	Sulfonate complex	ASTM D 128
4	Base oil type	Mineral	--
5	Base oil viscosity at 40 °C, cSt	288 - 352	ASTM D 445
6	Worked penetration at 25°C (60 x)	290 - 310	ASTM D 217
7	Worked penetration difference after 1,00,000 strokes at 25 °C	± 20 units	ASTM D 217
8	Dropping Point, °C , min.	300	ASTM D 2265
9	Water Wash –out at 80 °C, % loss	1	ASTM D 1264
10	Emcor Rust Test Rating	0,0	IP 220
11	Timken OK Values, lbs	55	ASTM D 2509

