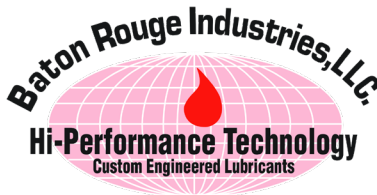


Product Information



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M-27

Boom Slide Grease in Shuttle Tubes

High Performance Synthetic Calcium Sulfonate Grease with Moly For Extreme and Cold Climate Conditions

01/01/25

Description

M-27 Boom Slide Grease is long life, full synthetic, calcium sulfonate complex grease embodied with solid lubricants specially designed to extend service life in arctic climate conditions. This grease is formulated with fully synthetic Polyalphaolefin (PAO) base oil and is engineered with compatible synergistic additives to provide the highest performance under heavy /shock load applications. Solid lubricants, specifically Molybdenum disulfide (MoS₂), have been put in the grease matrix so that this robust grease can effectively lubricate under extreme environments, like boundary lubrication conditions. This grease will not stop flowing under sub-zero temperatures, unlike other calcium sulfonate complex greases this grease exhibits very good pumping characteristics at low temperatures.

M-27 Boom Slide Grease is recommended for the most severe applications in the industry with excellent performance, oxidation resistance and a wide operating temperature range.

M-27 Boom Slide Grease is recommended for centralized lubrication systems with very good pump ability.

Features & Benefits

- Wide range of operating temperatures – 54 °C to 250 °C
- High Timken & Weld Load and Moly takes care of EP needs
- Outstanding Mechanical Stability
- High Drop Point – Suitable for high temperature applications
- Excellent rust protection
- Very good water resistance and saltwater protection

Customer Benefits

- Excellent performance under heavy and shock loads
- Forms protective film on metal surface and protects equipment from rust and water even at low temperatures
- Does not drip out under running conditions even at low temperatures
- Extraordinary performance at high temperatures even beyond the limits of grease
- Extended service life

Applications

M-27 Boom Slide Grease is highly recommended for mining, marine, oil fields, and logging applications, especially in arctic climate conditions. Besides excellent performance at low temperatures, this grease is suitable for other industrial applications where extended service life is needed like steel mills, mining, and off-highway.

M-27 BOOM SLIDE GREASE IN SHUTTLE TUBES

PRODUCT	M-27	TEST METHOD
NLGI GRADE	2	
THICKNER TYPE	Ca-Sulfonate	
COLOR	BLACK	VISUAL
BASE OIL VISCOSITY SUS @ 100 °F	1164	ASTM D-445
SUS @ 210°F	115.3	
cSt @ 40°F	223	
cSt @ 100 °C	23.2	
VISCOSITY INDEX	120	
DROP POINT, °F	+550	ASTM D-2265
WORKED PENETRATION @ 25°C	265-295	
CHANGE AFTER 100,000 STROKES	<+25	
OIL SEPARATION, 25°C, 24 HRS., %	.56	ASTM D-1742
FOUR BALL WELD LOAD, KG	620	ASTM D-2783
TIMKEN OK LOAD, LBS.	>65	ASTM D-2509
WEAR SCAR DIAM, MM	0.45	ASTM D-2266
WATER WASHOUT, WT. % LOSS @ 175°F	2.5	ASTM D-1264
RUST TEST, RATING	PASS	ASTM D-1743
USS MOBILITY TEST		USS DM-43
@ - 20 °F, GM/MIN	21.4	
@ - 40 °F, GM/MIN	7.9	