



BOOM GREASE

BOOM GREASE is a high-performance premium quality grease manufactured using a mineral base oil and lithium complex thickener. Boom Grease uses the latest extreme pressure (EP), anti-wear, anti-oxidation and corrosion inhibiting additives including PTFE which are designed to reduce wear, improve grease performance and extend component life in dry dusty, wet and shock loaded conditions. Boom Grease has been designed for the lubrication of mechanical parts, in a wide range of industry applications especially guide tracks and sliding surfaces as seen on overhead gantry's, telehandlers and crane jibs fitted with wear pads. Boom Grease contains PTFE to reduce stiction and increase lubricity, reduce drag and power consumption. Boom Grease can be used on applications experienced in many industries such as agricultural, automotive, construction, commercial, forestry, industrial and marine applications.

BENEFITS

- Outstanding resistance to water washout.
- Excellent load bearing properties and anti-wear performance reduce wear experienced by heavy shock loads.
- Excellent oxidation stability provides lasting lubrication at higher temperatures.
- Excellent mechanical stability extends re-lubrication and prolongs component life
- The sealing properties of PTFE reduces the damage caused by the ingress of dirt

Always follow the equipment manufacturer's recommendations and instructions prior to use. As with all greases used for the first time, check compatibility with the grease applied previously and if necessary, clean or purge components prior to application. To ensure adequate lubrication, apply the quantity of grease recommended by the equipment manufacturer.

Products should always be stored in their original packaging and at temperatures between 0°C and 25°C, away from any moisture and direct sources of heat or sunlight. The recommended shelf life for grease is 2 years when stored under normal recommended conditions.



TYPICAL ANALYSIS:

Properties	Unit	Method	Typical
Appearance	-	-	Smooth Grease
Colour	-	-	Light Brown
NLGI Grade	-	-	2/3
Thickener	-	-	Lithium Complex
Base Oil	-	-	Mineral Oil
Base Oil Viscosity @ 40°C	cSt	ASTM D445	150
Worked Penetration	dmm	ASTM D217	240-270
Dropping Point	°C	ASTM D2265	>260
Four Ball Weld Load, 10s	kgf	IP 239	450
Four Ball Wear Scar, 40kg 1 hour	mm	IP 239	0.61
Roll Stability – 2 hours @ 35°C	dmm	ASTM D1831	+24
Oil Separation		IP 121	
42 hours @ 40°C	%		0.6
168 hours @ 40°C	%		1.5
Copper Corrosion		ASTM D4048	
24 hours @ 100°C	-		1a
Corrosion (EMCOR)		ASTM D6138	
Distilled Water	-		0,0
Corrosion		ASTM D1743	Pass
Water Washout		ASTM D1264	
1 hour @ 79°C	%		5.8
FFK Flow Pressure, - 30°C	hPa	DIN 51805-2	925
Operating Temperature	-	-	-30°C to +150°C

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