



# PRODUCT DATA SHEET

## BOOM GREASE

### PRODUCT DESCRIPTION

**Boom Grease** is a premium quality mineral oil-based, lithium complex extreme pressure grease. It is water resistant and contains PTFE anti-wear additives and anti-corrosion agents. **Boom Grease** has been specially designed for use on the booms of telescopic handlers, cranes and overhead gantry hoists as well as for use in anti-friction and plain bearings.

### BENEFITS

- Reduces drag and shudder which helps eliminate loss of power related to friction.
- Excellent water resistance properties to ensure long lubricant service life.
- Protection against shock loading and reduction of premature component wear.
- Superior corrosion protection for working surfaces.
- Outstanding mechanical stability.
- Excellent protection against wear.
- Excellent lubricant for anti-friction and plain bearings subjected to high load, and where water washout or ingress is a problem.

### APPLICATIONS

- Booms of telescopic handlers, cranes and overhead gantry hoists.
- Bushes, sliding surfaces and guides.
- Plain and anti-friction bearings.

### METHOD OF APPLICATION

**Boom Grease** is a smooth light brown product and if applied sparingly, it becomes semi-transparent and, unlike black greases, is classed as being a clean product.

**Boom Grease** can be applied manually, with a brush or via a standard grease gun. Check compatibility with the grease applied previously and if necessary, purge bearings prior to application. Apply the quantity of grease recommended by the bearing manufacturer and take care not to over-lubricate.

### TYPICAL PROPERTIES

Description	Method	Results
NLGI Grade	ASTM D-217	2-3
Appearance	-	Smooth
Colour	-	Light brown
Base Oil	-	Mineral
Thickener	-	Lithium complex
Solids PTFE %	-	1
Worked Penetration	IP 50	240-275
Drop Point (°C)	IP 132	250 min
Oil Separation (%)	IP 121	5 max
Copper Corrosion	IP 112	Pass
Resistance to Corrosion Emcor (a)	IP 220	0:0
Water Washout @ 39°C (%)	ASTM D-1264	3
Four Ball Weld Load (kg)	IP 239	350
Operating Temperature Range	-	-20°C to 160°C





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Hi-Tec suggests that the equipment manufacturers' recommendations for grade, performance requirements and general operating conditions should be checked prior to use.

**Available in:** Bulk, 180kg, 20kg, 2.5kg and 450g cartridges

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It is the responsibility of users of the product to use the product safely. Users should consult the safety data sheets for each product at [www.hi-tecoils.com.au](http://www.hi-tecoils.com.au). Hi-Tec Oils takes no responsibility for injury or damage if the product is used in an inappropriate or unsafe manner.

Our product warranty and product quality statement can be viewed at [www.hi-tecoils.com.au](http://www.hi-tecoils.com.au)"

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