

# Revolution Oil

A New Generation of Lubricants

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## Technical Data Sheet

### Pin and Bush Lube



## Pin and Bush Lube

### Greases

#### Description

**Pin and Bush Lube** is a tenacious grease designed for heavy duty applications where adhesion, shock loading and good corrosion protection is needed. It has been proven ideal for use on bucket pins and bushes on heavy earth moving equipment, crane slews, and also as an assembly and running in compound. The presence of graphite will fill surfaces and distribute load evenly preventing further wear and is therefore particularly suitable to extend the life worn components.

#### Benefits

- A high level of lubricating solids keeps working surfaces apart and substantially extends component life.
- Being fully resistant to the wet, extends the life of the lubricant and protects components from corrosion.
- Adhesion improvers provide increased lasting protection.

#### Application

**PBL** can be applied by hand, or by using a standard grease gun (400gm cartridges available). (Due to the high lubricating solids content, PBL is not recommended for use on anti-friction bearings.)

#### Typical Inspection Data

Appearance	Smooth grease
Colour	Black/Grey
NLGI classification	2.5
Thickener	Lithium Soap
Base oil	Blend of mineral oils
Worked penetration (IP50)	265-295
Dropping point (IP132) °C	185 min
Oil separation (IP121) %	5 max
Water washout (ASTM D1264) @ 39°C	3
Copper Corrosion (IP112)	Pass
Resistance to corrosion Emcor (a) (IP220)	0:0
Four Ball Weld Load (IP 239) kgs	700
Operating temperature range °C	-20 to +140

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Solids %	16
Oxidation stability @ 100°C (IP142)	
Pressure drop after 100 hrs psi	4
Pressure drop after 400hrs psi	14

\*\*In line with our policy of continued improvement, Revolution Oil Ltd reserves the right to change specification and availability without prior notice. E and O E.\*\*