

# Revolution Oil

A New Generation of Lubricants

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## Technical Data Sheet

### Hammer Grease



# Hammer Grease

## Greases

### Description

Hammer Grease is specially developed using a blend of semi-synthetic base oil manufactured with high temperature thickener containing a high level of graphite to extend lubrication periods. It is designed particularly for hydraulic hammer lubrication, pin and bush type of applications, on large earth moving and general off-road heavy plant machinery.

Hammer Grease is enhanced by the addition of lamellar lubricating solids, and its adhesive properties resist water wash off.

This product has also found use in the lubrication of open gears.

### Benefits

- High degree of water resistance
- Reduced grease leakage tendency
- Excellent load carrying capability and shock load resistance
- Good sealing properties in dusty conditions
- Inherent adhesive nature

### Application

Hammer Grease can be applied manually, or by using a standard grease gun (400gm cartridges available).

As with all greases used for the first time, check compatibility with the grease applied previously and if necessary purge bearings prior to application. Likewise, as a general rule, take care not to over-lubricate and apply the quantity of grease recommended by the bearing manufacturer.

### Typical Test Data

Appearance	Smooth grease
Colour	Black
NLGI classification	2/3
Thickener	Bentone
Base oil	Semi synthetic
Base oil viscosity @ 40°C (IP71) cSt	1000
Worked penetration (IP50)	230-260
Dropping point (IP132) °C	>260
Oil separation (IP121) %	2

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Water washout (ASTM D1264) @ 38°C %	2
Water washout (ASTM D1264) @ 79°C %	5
Four Ball Weld Load (IP 239) kgs	500
Operating temperature range °C	-5 to +150
Graphite content °C	10

\*\*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.\*\*