



# Hammer Grease

High quality adhesive grease for use in heavy plant machinery

Product code: Z055

## Product Description:

Hammer Grease is specially developed using a blend of semi-synthetic base oils 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 laminar 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 (400g 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 rule, take care not to over-lubricate and apply the quantity of grease recommended by the manufacturer.

## Storage:

Products should always be stored in the original packaging in a clean indoor area. Ideally, the storage temperature should be between 0°C to 25°C. Products should be stored away from any sources of heat including direct sunlight.



# TECHNICAL DATA SHEET

## Typical Test Data:

Properties	Unit	Method	Typical
Appearance	-	-	Adhesive Grease
Colour	-	-	Grey to Black
NLGI Grade	-	-	2
Thickener	-	-	Bentone
Base Oil	-	-	Mineral / Polymer
Base Oil Viscosity @ 40°C	cSt	ASTM D445	1500
Worked Penetration	dmm	ASTM D217	276
Extended Worked Penetration 100,000 strokes	dmm	ASTM D217	+34
Dropping Point	°C	ASTM D2265	> 280
Four Ball Weld Load, 10s	kgf	IP 239	700
Four Ball Wear Scar, 40kg 1 hour	mm	IP 239	0.66
Roll Stability 2 hours @ 35°C	dmm	ASTM D1831	+14
Oil Separation			
42 hours @ 40°C	%	IP 121	0.1
168 hours @ 40°C	%		0.3
Copper Corrosion	-	ASTM D4048	1b
24 hours @ 100°C			
Corrosion	-	ASTM D1743	Pass
Water Spray-Off	%	ASTM D4049	21
Oxidation Stability Time to 10% Loss @ 160°C	min	ASTM D8206	152
FFK Flow Pressure @ -20°C	hPa	DIN 51805-2	975
Operating Temperature	-	-	-20°C to +150°C
Solids	%	-	15