



# HD Adhesive Grease

Semi-synthetic waterproof grease

Product code: Z026

## Product Description:

HD Adhesive Grease is a high performance, multi-purpose grease manufactured using a 460cSt semi synthetic oil and a lithium thickener. HD Adhesive Grease uses the latest extreme pressure (EP), anti-wear, anti-oxidation and corrosion inhibiting additives, designed to reduce wear, improve grease performance and extend component life. HD Adhesive Grease has been designed for the lubrication of slow to medium anti-friction roller and plain bearings and performs excellently in both fresh and saltwater applications.

## Features & Benefits:

- Excellent salt and freshwater resistance
- Excellent sealing properties to resist the ingress of moisture and contaminants
- Excellent load bearing properties and anti-wear performance
- Good resistance to water washout
- Good stability provides extended grease life increasing re-lubrication intervals
- Especially suitable for the lubrication of slow to medium bearings running in wet and or saturated environments.

## Application:

HD Adhesive Grease is widely used in the water utilities industry and as a wheel bearing grease for boat trailers and other marine applications.

HD Adhesive Grease can be applied manually or by using a standard grease gun (400g cartridges are available). As with all greases used for the first-time check compatibility with the grease applied previously, and if necessary purge

## 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. The recommended shelf life for grease is 2 years.



# TECHNICAL DATA SHEET

## Typical Test Data:

Properties	Unit	Method	Specification	Typical
Appearance	-	-	Adhesive Grease	
Colour	-	-	Green	
NLGI	-	-	2	
Thickener	-	-	Lithium	
Base Oil Viscosity @ 40°C cSt	cSt	ASTM D445	460	
Worked Penetration	dmm	ASTM D217	265 – 295	273
Dropping Point	°C	ASTM D2265	≥ 180	185
Four Ball Weld Load, 10s	kgf	IP 239	≥ 280	355
Four Ball Wear Scar, 40kg 1 hour	mm	IP 239	-	0.62
Extended Worked Penetration 100,000 strokes	dmm	ASTM D217	-	36
Roll Stability – 2 hours @ 35°C	dmm	ASTM D1831	-	34
Oil Separation 42 hours @ 40°C 168 hours @ 40°C	%	IP 121	- -	1.3 3.4
Copper Corrosion 24 hours @ 100°C	-	ASTM D4048	-	1a
Corrosion (EMCOR) Distilled Water	-	ASTM D6138	-	0,0
Corrosion	-	ASTM D1743	-	Pass
Water Washout 1 hour @ 79°C	%	ASTM D1264	-	5.5
Water Spray-Off	%	ASTM D4049	-	65
Oxidation Stability Time to 10% Loss @ 160°C	min	ASTM D8206	-	223
FFK Flow Pressure, - 30°C	hPa	DIN 51805-2	-	900
Operating Temperature	-	-	-30°C to +140°C	