



## TECHNICAL DATA SHEET

### WATER RESISTANT GREASE 2

Aluminium complex grease

#### Product Description:

Gem Water Resistant grease 2 is a premium quality long life grease for use in all anti-friction and plain bearings subjected to high load when used in extreme water or even saturated operating conditions.

#### Benefits:

- Excellent water wash off resistance
- Dewatering properties enables application directly to wet or saturated surfaces
- Good corrosion protection
- Good mechanical stability
- EP additives reduce component wear
- Good load carrying capabilities
- Good pumpability

#### Application:

Gem Water Resistant grease 2 can be applied by hand, air or mechanical pumping equipment designed for and capable of pumping an NLGI No.2 grease. It is advised that greases are chemically compatible with the grease previously applied and if in doubt purge bearings prior to application. Do not over-lubricate and apply the quantity of grease recommended by the bearing manufacturer.

**Can be applied directly onto wet surfaces.**

For further information please contact your local representative or GEM Oils directly.

#### Typical Test Data:

|                                       |                   |
|---------------------------------------|-------------------|
| Appearance                            | Brown & tacky     |
| Thickener                             | Aluminium complex |
| NLGI Classification                   | 2                 |
| Base Fluid                            | Mineral Oil       |
| Water washout (IP 215)                | 1.8%              |
| Water resistance (DIN 51807)          | Fully resistant   |
| Operating temperature range           | -20 to +150 °C    |
| Drop Point (ASTM D2265)               | 250 °C            |
| Dynamic corrosion resistance (IP 220) | 0:0               |
| Copper Corrosion (IP 112)             | 1b                |
| Four Ball weld load (IP 239)          | 315 kg            |
| Timken OK load (IP236)                | 20kg (44lbs)      |

#### Health & Safety: (Group 10)

Please refer to the relevant MSDS which is available to all customers.

#### Availability:

Available in 180 kg, 50kg, 12.5kg



Gem Oils use a QMS system which is ISO 9001:2015 approved

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