



## **SYNTHETIC HIGH TEMP GREASE**

### **TECHNICAL DATA SHEET**

#### **Description**

Gem Synthetic High Temp 2 grease is a premium quality lithium complex thickened grease for plain and anti-friction bearing, designed to withstand high temperatures over extended periods without leaving dry residues associated with conventional types of thickeners used in high temperature greases. Gem Synthetic High Temp 2 grease also provides excellent lubrication at sub-zero and ambient temperatures making this lubricant extremely versatile in its applications.

#### **Application**

Gem Synthetic High Temp 2 grease can be applied by hand, or by using a standard grease gun (400gm cartridges available), or via a central lubricating system capable of pumping an NLGI No.2 grease.

#### **Benefits**

- Excellent high temperature resistance extending lubrication intervals.
- Considerably reduces carbon formations associated with other high temperature greases.
- Extreme Pressure additives extend component life.
- Excellent corrosion resistance protects components from humid environments.

#### **Typical Inspections**

<b>Inspection</b>	<b>Unit</b>	<b>Result</b>
Colour		Light Brown
Texture		Smooth Grease
Thickener		Lithium Complex
Base Oil		Synthetic Hydrocarbon
NGLI Classification		2
Operating Temperature	°C	-40 To +220
Corrosion (IP 112)		1b
Dropping Point	°C	> 250
Dynamic Corrosion Resistance (IP 220)		0:0
Shell Four Ball Weld Load (IP 239)	kg	355
Shell Four Ball Load Wear Index (IP 239)		68
dN Factor		750000