

Last Updated: 14.11.2006

Product Code: GR0580

**SYNTHETIC HIGH TEMP 2** is a premium quality, complex thickened grease for plain and anti-friction bearings designed to withstand high temperatures over extended periods without leaving dry residues associated with conventional types of thickeners used in high temperature greases. The addition of Extreme Pressure additives as well as PTFE reduce friction and self-generating temperatures.

Also provides excellent lubrication at sub-zero and ambient temperatures making this lubricant extremely versatile in its applications.

## APPLICATION

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

## BENEFITS

- Excellent high temperature resistance extending lubrication intervals
- Considerably reduces carbon residues associated with other high temperature greases
- Extreme pressure additives and PTFE extends component life
- Excellent corrosion resistance protects components from humid environments

## TYPICAL PROPERTIES

Appearance:	Smooth Brown Grease	Shell 4 Ball (IP 239) (ASTM D2596)	
Thickener:	Lithium Complex	Weld Load:	355 Kgs
NLGI Classification:	2	Load Wear Index:	68 Kgs
Base Oil:	Synthetic Hydrocarbon	Corrosion (ASTM D130):	1b
Solid Lubricant:	PTFE	dN Factor:	750,000
Dropping Point (ASTM D2265):	> 250°C	Operating Temperature Range:	-50°C to +220°C
Dynamic Corrosion Resistance (EMCOR) (IP 220):	0 : 0		

## HEALTH AND SAFETY

This product has been manufactured to the highest standards and when used for the purpose recommended is unlikely to present any significant health hazards. A Safety Data Sheet is available on request.

Indicated data are approximate values and are subject to the usual commercial fluctuations. All information correct at time of going to press to the best of our knowledge. This information may be subject to change without notification due to continual product research and development.