

## TECHNICAL DATA

### STELLA Hi-Temp 2 Grease



#### Description

This grease is designed as a high temperature resistant food grade grease, containing PTFE anti-wear and other additives. STELLA HI-TEMP 2 is suitable for all plain and anti-friction bearings as well as sliding surfaces. Resistant to a wide range of chemical cleaning solutions used in the food and drink industries.

#### Outstanding Features

- Provides long term lubrication at high temperatures, extending lubrication intervals
- Reduced formation of carbon deposits often associated with many high temperature greases
- Good sealing properties protect against the ingress of corrosive contaminants
- PTFE solid lubricant improves anti-wear performance prolonging component life
- Compatible with most types of rubber seals

#### Directions for Use

STELLA HI-TEMP 2 can be applied by hand, or by using a standard grease gun (400gm cartridges are 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.

#### Technical Data (typical values)

Appearance	White semi-translucent grease
NLGI Classification	2
Thickener	Inorganic Thickener
Drop point (IP 132)	None
Base oil	High viscosity silicone oil
Solid lubricant	PTFE
Copper corrosion (IP112)	Pass
Water washout (ASTM D1264) @ 38 °C	<2% max.
Dynamic corrosion resistance (EMCOR) (IP 220)	0:0
Shell Four Ball (IP239) Weld load	180kg
dN factor	200,000
Operating temperature range	-20°C to +220°C

All ingredients are FDA listed. STELLA Hi-Temp 2 is NSF H1 registered and meets the USDA 1998 H1 Guidelines. These products do not contain genetically modified ingredients, nut oil or nut oil derivatives. The content of this data sheet is given in good faith but without warranty (June 12).