



## Libra FG Plus 2

Synthetic Food safe grease for all plain and anti-friction bearings used in harsh environments

Product code: Z061

### Product Description:

Libra Plus 2 grease contains extreme pressure / anti-wear additives together with PTFE to provide a high degree of load carrying performance. It is suitable for all plain and anti-friction bearings as well as sliding surfaces and centralized lubrication systems.

Libra Plus 2 grease is designed to cover a wide range of food safe applications, encompassing extremes of temperature, wet and saturated environments, heavily loaded applications and where there is a presence of dust and other contaminants.

All ingredients are FDA listed and meet the USDA 1998 H1 Guidelines.

### Benefits:

- Wide performance characteristics enable standardisation to one product for most food safe applications
- Provides long term lubrication at high temperatures, extending lubrication intervals
- Excellent anti-wear performance prolonging component life
- Exceptional degree of water resistance providing lasting lubrication and protecting against corrosion

### Application:

Libra Plus 2 grease 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 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.

### Seal and Paint Compatibility

Compatible with the elastomers, gaskets, seals and paints normally used in food machinery lubrication systems.



# TECHNICAL DATA SHEET

## Typical Test Data:

Appearance	White tacky grease
NLGI Classification	2
Thickener	Aluminium complex
Drop point (IP 132)	>230°C
Base oil	PAO
Base Oil Viscosity @ 40°C, cSt	300
Base Oil Viscosity @ 100°C, cSt	31
Solid lubricant	PTFE & white lubricating solids
Copper corrosion (IP 112)	Nil
Water washout @ 38°C (ASTM D1264)	<1% max
Dynamic corrosion resistance (EMCOR) (IP 220)	0:0
Shell four ball weld load (IP 239)	400 kg
dN factor	500,000
Operating temperature range	-50 to +165°C