

# Revolution Oil

A New Generation of Lubricants

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## Technical Data Sheet

### Foodshield Plus 2 PAO Synthetic Grease



# Foodshield Plus 2 PAO Synthetic Grease

## Greases

### Description

**FOODSHIELD 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. **FOODSHIELD PLUS 2** greases contain extreme pressure / anti-wear additives and PTFE to provide a high degree of load carrying performance. Suitable for all plain and anti-friction bearings as well as sliding surfaces. The **FOODSHIELD PLUS** range of greases is available in NLGI Nos. 2, 1 and 00.

### Application

**FOODSHIELD PLUS 2** can be applied by hand, or by using a standard grease gun (400g cartridges are available).

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

- 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

### Typical Inspection Data

Appearance	-	Smooth Adhesive
Colour	-	White
NLGI classification	-	2
Thickener	-	Aluminium Complex
Base oil	-	Blend Synthetic oils
Dropping point (°C)	IP132	>230
Oil separation (%)	IP121	1
Copper corrosion	IP112	Pass

Resistance to corrosion Emcor (a)	IP 220	0:0
Water washout @ 39°C %	ASTM D1264	1
Four Ball Weld Load (kgs)	IP 239	500
DN factor	-	500000
Operating temperature range	-	-50&ordm;C to 165&ordm;C
Solids %	-	5

\*\*In line with our policy of continued improvement, Revolution Oil Ltd reserves the right to change specification and availability without prior notice. E and O E.\*\*