

# TECHNICAL DATA SHEET



**Product code:** 5674 **Sector:** Industrial Food Grade **Issue No:** 6 **Issue Date:** 28/10/24

## MILLFOOD PREMIUM 2

Food grade aluminium complex grease with synthetic base oil, EP additives and PTFE solids for excellent wear protection.

### Application

Millfood Premium 2 covers 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. Suitable for all plain and anti-friction bearings as well as sliding surfaces. Apply by hand or use a standard grease gun.

### Features & Benefits

- Wide performance profile enables rationalisation 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 protection against corrosion.
- All ingredients are FDA listed MILLFOOD PREMIUM 2 is NSF H1 registered (No. 125900).
- This product contains no genetically modified ingredients and does not contain any nut oil or derivatives.

### Typical Characteristics

|   |                                   |
|---|-----------------------------------|
| Appearance                                    | White tacky grease                |
| NLGI Classification                           | 2                                 |
| Thickener                                     | Aluminium complex                 |
| Drop point (IP 132)                           | >230°C                            |
| Base oil                                      | Blend of synthetic oils           |
| Base oil viscosity @ 40°                      | 300 cSt                           |
| Base oil viscosity @ 100°                     | 31 cSt                            |
| Solid lubricant                               | White lubricating solids and PTFE |
| Copper corrosion (IP112)                      | Negative                          |
| Water washout (ASTM D1264) @38°C              | <1% max                           |
| Dynamic corrosion resistance (EMCOR) (IP 220) | 00:00                             |
| Four Ball (IP239) Weld Load                   | 400kg                             |
| dN factor                                     | 500,000                           |
| Operating temperature range                   | -50°C to +170°C                   |

# TECHNICAL DATA SHEET



## Technical & Health and Safety

T: 01484 475060

E: [technical@millersoils.co.uk](mailto:technical@millersoils.co.uk)

For H&S info or SDS, please visit our website [www.millersoils.co.uk](http://www.millersoils.co.uk)