

Description

PROTEAN Ultima 1 is a NSF: H1 registered multi-purpose grease for use within Food & Beverage, Packaging, Pharmaceutical and other cleanroom environments.

A high performing, true all-round grease enhanced with PTFE, extreme pressure and anti-wear additives, PROTEAN Ultima 1 performs well in wet and saturated environments; under both high load and high temperatures and ideal for bearings, chains and gears. A must-have for those wishing to streamline their range of food grade lubricants!

Benefits & Features

- The go-to grease for most food safe applications
- Heavy duty, high load, PTFE enhanced lubricant, offering excellent adhesion and performance
- Exceptional water resistance - provides long lasting lubrication and protection against corrosion
- Provides long term lubrication at high temperatures, extends relubrication intervals
- Excellent anti-wear performance – reduces friction and extends component life

Directions for Use

PROTEAN Ultima 1 can be applied manually, by grease gun, auto lubrication system or by other methods suitable for an NLGI No. 1 grease

As with all greases used for the first time, check compatibility with the previously applied grease and if necessary, purge bearings prior to application. Likewise, as a general rule, take care not to overlubricate and apply the quantity of grease recommended by the bearing manufacturer.

Product is to be stored in a clean, dry, storage area in its original sealed packaging.

Shelf Life: 36 months* (unopened)

*Some bleeding may occur when not in use for extended periods of time, however thorough mixing will return the mixture to its original state.

Technical Data

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|-----------------------------------|---|
| Category: | H1 – Lubricants with incidental contact |
| NSF Registration No: | 160998 |
| Allergens: | Does not contain allergens, genetically modified ingredients, nut oil or derivatives. |
| Appearance: | Cream / Beige grease |
| NLGI Classification: | 1 |
| Thickener: | Aluminium complex |
| Drop Point (IP132): | >250°C |
| dN factor: | 400,000 |
| Base Oil: | Synthetic (hydrophobic) |
| Base Oil Viscosity: | |
| Solid lubricant: | White lubricating solids and PTFE |
| Shell 4 Ball Weld Load (IP239): | 700kg |
| Copper Corrosion (IP112): | |
| Water washout (ASTM D1264) @38°C: | <1% max |
| Dynamic Corrosion Resistance: | 0:0 |
| Relative Density: | |
| Operating Temperature Range: | -40°C to 240°C (PTFE to 350°C in dry film) |
| Pack Sizes: | 1 x 12.5kg |



The content of this data sheet is given in good faith but without warranty.

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| NSF Registration No: | 160998 |
| Base Oil: | Synthetic (hydrophobic) |
| Thickener: | Aluminium complex |
| Shell 4 Ball Weld Load (IP239): | 700kg |
| Dynamic Corrosion Resistance (EMCOR) (IP220): | 0:0 |
| Water Washout (ASTM D1264 @38°C): | <1% max |
| Solid Lubricant: | White lubricating solids and PTFE |
| Drop Point (IP132): | 250°C |
| dN factor: | 400,000 |
| Operating Temperature range: | -40°C to 240°C (PTFE to 350°C in dry film) |
| Allergens: | Does not contain allergens, genetically modified ingredients, nut oil or derivatives. |