

#### 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

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:	12 x 400g



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

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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.