

Description

PROTEAN 3H1 is a NSF 3H / H1 registered, non-toxic, wide temperature, multi-purpose grease offering enhanced anti-wear performance for prolonged component life. As a superior 3H release agent, PROTEAN 3H1 prevents food products from adhering to surfaces during processing, and is suitable for seals, sliding surfaces and all plain and anti-friction bearings. Halal/Kosher Certified.

Benefits & Features

- NSF: 3H / H1 Registered
- Ideal for use as both a direct food contact release agent and multi-purpose grease (ovens and grills, mixers and mincers, slicers and trimmers, baking pans and trays, chopping boards, benches and other hard surfaces in contact with food products)
- Exhibits superior EP performance with a 4-ball weld load of 400kg
- Excellent lubrication performance and oxidative stability for extending lubrication intervals and reduced lubricant usage
- Improved anti-wear performance helps prolong component life
- Good sealing properties protect against unwanted corrosive contaminant

Directions for Use

PROTEAN 3H1 grease can be applied by hand, by grease gun, keg pump 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 over-lubricate and apply the quantity of grease recommended by the bearing manufacturer.

Technical Data

Category:	3H (Release agent with direct food contact) H1 (Lubricants with incidental food contact, in and around food processing areas)
NSF Registration No:	152114
Allergens:	Does not contain allergens, genetically modified ingredients, nut oil or derivatives.
Appearance:	White grease
NLGI Classification:	1
Thickener:	Inorganic thickener
Drop Point (IP132):	None
Base Oil:	Blend of white oils
Base Oil Viscosity:	
Solid lubricant:	Direct food additives
4 Ball Weld Load (IP239):	400Kg
- Scar Diameter @ 40Kg for 1 hour:	0.83mm
Copper Corrosion (IP112):	Pass
Water washout (ASTM D1264) @38°C:	<2% max
Dynamic Corrosion Resistance:	0:0 (EMCOR - IP220)
Relative Density:	0.98
Operating Temperature Range:	-30°C to +120°C
Pack Sizes:	400g , 500g, 3Kg, 18Kg. Aerosol also available



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