# TECHNICAL DATA SHEET



PROTEAN 3H1 GREASE **TF3005** 

## 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**

3H (Release agent with direct food contact) Category:

H1 (Lubricants with incidental food contact, in

and around food processing areas)

152114 NSF Registration No:

Does not contain allergens, genetically modified Allergens:

400Kg

<2% max

0.98

ingredients, nut oil or derivatives.

White grease Appearance:

**NLGI Classification:** 

Inorganic thickener Thickener:

None Drop Point (IP132):

Blend of white oils Base Oil:

Base Oil Viscosity:

Direct food additives Solid lubricant:

4 Ball Weld Load (IP239):

0.83mm - Scar Diameter @ 40Kg for 1 hour: Pass

Copper Corrosion (IP112):

Water washout (ASTM D1264) @38°C:

0:0 (EMCOR - IP220) **Dynamic Corrosion Resistance:** 

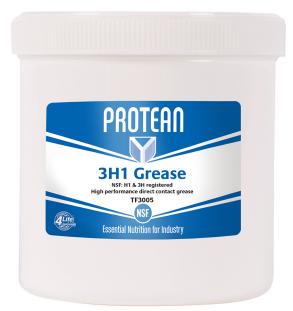
Relative Density:

Operating Temperature Range:

Pack Sizes:

400g, 500g, 3Kg, 18Kg. Aerosol also available

-30°C to +120°C



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

