

Description

PROTEAN Energise NG2 is a new generation H1 food grade grease designed specifically for lubrication of the most severe applications in the food industry. This grease is an over based calcium sulfonate grease formulated with permitted ingredients that include anti-oxidants, extreme pressure and anti-wear additives to meet the most stringent requirements of the food industry. This innovative grease outperforms all other food grade greases like calcium base, clay base and even aluminium complex base greases. PROTEAN Energise NG2 is NSF H1 approved for applications where there is a possibility of incidental food contact.

Benefits & Features

- H1 food grade grease
- Good extreme pressure and rust protection
- Excellent water resistance
- Excellent high temperature properties
- Provides superior load and wear protection for the bearings and long life to machinery
- It works effectively for extended period of time under water ingress in food processing and other industries with excellent rust protection

Directions for use

PROTEAN Energise NG2 can be applied by hand, or by using a standard grease gun (400g cartridges are available), or via a central lubricating system capable of pumping an NLGI No. 2 grease. As with all greases used for the first time, check compatibility with the grease applied previously 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:	H1 (Lubricants with incidental food contact, in and around food processing areas)
NSF Registration No:	154137
Allergens:	Does not contain allergens, genetically modified ingredients, nut oil or derivatives.
Appearance:	White, Smooth, Tacky
NLGI Classification (ASTM D217):	2
Thickener:	Over based Calcium Sulfonate
Drop Point (ASTM D2265):	+287°C
Worked Penetration (ASTM D217):	265-295
Change in Pen after 100,000 strokes:	< 20
Roll Stability, % change (ASTM D1831):	< 3.0 %
4 Ball Weld Load (IP239):	620kg
Copper Corrosion (ASTM D4048):	Pass
Rust Test (ASTM D1743):	Pass
Water washout (ASTM D1264) @79°C:	2.0
Viscosity @ 40°C, cSt (ASTM D445):	250
Viscosity @ 100°C, cSt (ASTM D445):	20.8
Viscosity Index (ASTM D2270):	98
Relative Density:	
Operating Temperature Range:	- 20 to 150°C
Pack Sizes:	400g, 3Kg, 18Kg.



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