

Description

PROTEAN Submersive Extreme is a NSF H1 registered, highly versatile grease, developed to resist extreme water wash off and heavy loads. Characterized by an exceptional high dropping point, high load carrying performance, reduced wear and excellent resistance to water and corrosion, PROTEAN Submersive Extreme, outperforms other premium water resistant greases on several levels, and is best suited for low to medium speed bearings operating under adverse conditions.

Benefits and Features

- NSF: H1 registered
- Superior mechanical stability, particularly in the presence of heat and water
- Designed to provide superior performance at elevated temperatures and during periods of infrequent lubrication
- Exhibits excellent EP performance with a 4 ball weld load of 700kg
- Excellent mobility and torque, even at sub zero temperatures down to -40°C)
- Specially formulated for enhanced resistance to water
- Life performance up to four times that of a regular mineral oil based grease
- Temperature range -40°C to +165°C

Directions for Use

PROTEAN Submersive Extreme can be applied by hand, by grease gun, keg pump or by other methods suitable for an NLGI No. 2 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	H1 (Lubricants with incidental food contact, in and around food processing areas)
NSF Registration	165177
No Allergens	Does not contain allergens, genetically modified ingredients, nut oil or derivatives.
Appearance	Smooth beige grease
NLGI Classification	2 (ASTM D217)
Dropping Point	270°C (ASTM D2265)
4-ball EP Weld Load	700 Kg (IP239)
Water Washout @ 80°C, % loss	3.5 (ASTM D1264)
4-ball wear	0.50mm (IP239)
Copper Corrosion Rating	1B (ASTM D4048)
Oil Separation, % loss	0.1 (ASTM D1742)
Base Oil Viscosity @40°C	460 cSt
Bomb oxidisation, psi drop 100 hours	3.0 (ASTM D3527)
Rust Test, rating	Pass (ASTM D1743)
Operating Temperature Range	-40°C to +165°C
Low temperature torque -40°, g-cm	Start: 6000, 60 minutes: 800
Viscosity @ 100 °C (cSt):	38 – 42
Pack Sizes	400g, 3Kg & 18Kg

Note

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

