

#### Description

PROTEAN Optimum 2 is a highly versatile, NSF: H1 registered, premium+ PFPE-based lubricant, offering a unique combination of exceptionally high and low temperature performance, chemical inertness and high load carrying capacity to satisfy even the most demanding lubrication needs. Originally engineered for the Food & Beverage industry, PROTEAN Optimum 2 significantly reduces wear to increase service life of critical components that operate under extreme circumstances, or are hard to relubricate and require long life lubrication.

#### Benefits & Features

- NSF: H1 registered (lubricant with incidental food contact, for use in and around food processing areas)
- For lifetime lubrication of bearings, chains, slides and other machine parts used in environments where conditions prevent the use of conventional greases.
- Good oxidation stability ensures prolonged lubrication intervals at high temperatures
- Exceptional low levels of carbonisation at high operating temperatures help extend component life
- Extreme resistance to chemicals and suitable in the presence of oxygen
- Exhibits excellent EP performance with a 4 ball weld load of 500kg
- Temperature range -25°C to +280°C

#### Directions for Use

PROTEAN PROTEAN Optimum 2 should be applied extremely sparingly by hand, or by other methods suitable for dispensing NLGI No. 2 lubricants. Whilst being compatible with most PFPE type greases, it is always recommended to clean components thoroughly with a suitable solvent prior to applying PROTEAN Optimum 2.

#### Technical Data

Category:	H1 - Lubricants with incidental food contact
NSF Registration No:	154133
Allergens:	Does not contain allergens, genetically modified ingredients, nut oil or derivatives.
Appearance:	Smooth white grease
NLGI Classification:	2
Thickener:	PTFE
Drop Point (IP132):	>280°C
Base Oil:	Perfluorinated Polyether
Base Oil Viscosity @ 38°C:	470 cSt
Shell 4 Ball (IP239) (ASTM D2596):	
Weld Load:	500Kg
Load Wear Index:	106
Relative Density:	1.9
BAM, Gaseous Oxygen Test 60C@90 bar::	Pass
Operating Temperature Range:	-25°C to +280°C
Pack Sizes:	800g cartridge, 1Kg, 6Kg, 20Kg - other sizes available on request



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