Description

PROTEAN Chain 320 VHT is an NSF H1 registered, premium fully synthetic oil designed for the effective lubrication of all types of conveyor and drive chains within Food & Beverage Processing. Designed for the lubrication of chains running continuously at very high temperatures of up to 300°C, this antioxidant-enriched oil offers extremely good thermal stability combined with proven antiwear, EP and corrosion prevention for improved performance. Also suitable for use in Packaging, Pharmaceutical and other cleanroom environments.

Benefits & Features

- Long fluid life at high temperatures, which provides maximum lubricant economy
- NSF: H1 registered (lubricant with incidental food contact - for use in and around food processing areas)
- Long fluid life at high temperatures provides optimum lubricant economy
- Excellent penetration thus reducing wear and extending chain life
- Low evaporation rates and longer wet film life
- Does not form hard carbon deposits
- Excellent thermal stability
- Suitable for use on bakery ovens, drying machines and textile stenters
- Temperature range -35°C to +300°C

Directions for Use

Although usually applied by automatic lubricators, PROTEAN Chain 320 VHT can be applied by hand if so desired.

Technical Data

Category:	H1 – Lubricants with incidental contact
NSF Registration No:	162786
Allergens:	Does not contain allergens, genetically modified ingredients, nut oil or derivatives.
Appearance:	Clear liquid
Base Oil:	
Viscosity:	320 cSt at 40°C, 25 cSt at 100°C
Viscosity Index:	95
Pour Point:	-36°C
Specific Gravity:	0.98
Noack Weight Loss after 1 Hr at 250°C:	<2.0%
Flash Point (COC) °C min ASTM D92:	315°C
Auto Ignition Temp ASTM D2155-66:	>350°C
Shell 4 Ball (IP239), Weld Load:	200kg
Scar Diameter, 50kg for 2 Hrs:	0.39 mm
Scar Diameter, 40kg for 1 Hr:	0.33 mm
Solubility:	Insoluble
Operating Temperature Range:	-35 to 300°C (Up to 320°C for short periods)
Pack Sizes:	20 Ltr (TF6620) 205 Ltr (TF6699)

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

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