

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

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| 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.