**TF5100** 



## Description

PROTEAN Chain & Gear 320 is an NSF: H1 registered, fully synthetic oil designed for the effective lubrication of all types of conveyor and drive chains that require an ISO 320 oil within Food & Beverage, Packaging, Pharmaceutical and other cleanroom environments. Suitable for gearboxes and reduction units, PROTEAN Chain & Gear contains additives to extend servicing and lubrication intervals, boost performance, improved adhesion and offers excellent water wash-off resistance.

#### **Benefits & Features**

### Chains (Drive and Conveyor):

- · Penetrates to the links and pins reducing wear and extending chain life
- · Adhesive additives ensure no fling, thus providing lasting lubrication
- · Effective water resistance and corrosion prevention, even where alkali materials are present
- · Extremely wide temperature range ensures maximum application versatility

#### **Gearboxes & Reduction Units:**

- · Extremely good oxidation stability which extends lubricant life
- Unaffected by water, demulsification ensures total separation of water from oil
- Adhesive additives coat gears effectively and provide anti-wear protection at start-up
- Synthetic oil with high Viscosity Index ensures reduced viscosity change with temperature increase

## **Directions for Use**

For drive and conveyor chains: Apply sparingly by brush or oil can as required. It can also be applied automatically via a central drip-feed system.

**For gear boxes or reduction units:** Ensure that the manufacture's lubricant rating corresponds to <u>ISO 320 gear oil</u>. For optimum performance, drain gearbox of all previous lubricant.

# Technical Data

Category: H1 – Lubricants with incidental contact

NSF Registration No: 154163

Allergens: Does not contain allergens, genetically modified

ingredients, nut oil or derivatives.

Appearance: Clear tacky oil

Base Oil: Blend of synthetic oils

Viscosity: 322cSt @ 40°C, 31.3cSt @ 100°C

Flash Point: 280°C

Solubility: Insoluble in water
Operating Temperature Range: -30°C to +240°C

Pack Sizes: 5 Ltr (TF5105) 20 Ltr (TF5120) 205 Ltr

(TF5199) 1000Ltr (TF5100)



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

