

#### 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 ISO 320 gear oil. 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.