



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 Base	Clear tacky oil
Oil	Blend of synthetic oils
Viscosity	322cSt @ 40°C, 31.3cSt @ 100°C
Flash Point	280°C
Temperature range	-30°C to +240°C
Solubility	Insoluble in water
Pack Sizes	5 Ltr (TF5105) 25 Ltr (TF5125) 205 Ltr (TF5199)

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