

#### Description

PROTEAN Chain & Gear 460 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 460 oil within Food & Beverage, Packaging, Pharmaceutical and other cleanroom environments. Suitable for gearboxes and reduction units, PROTEAN Chain & Gear 460 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 manufacturer's lubricant rating corresponds to ISO 460 gear oil. For optimum performance, drain gearbox of all previous lubricant.

#### Technical Data

Category:	H1 – Lubricants with incidental contact
NSF Registration No:	154796
Allergens:	Does not contain allergens, genetically modified ingredients, nut oil or derivatives.
Appearance:	Clear adhesive oil
Base Oil:	Blend of synthetic oils
Viscosity:	458cSt @ 40°C, 40cSt @ 100°C
Viscosity Index:	133
Evaporation:	4% by mass @ 205°C for 6½ hours
Relative Density:	0.88
Flash Point (COC):	280°C
Solubility:	Insoluble in water
Operating Temperature Range:	Up to 200°C and 240°C for short periods
Pack Sizes:	5 Ltr (TF5305) 20 Ltr (TF5320) 205 Ltr (TF5399) 1000ltr (TF5300)



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