

STRUB Food Gear Synt PG

Synthetic polyglycol-based gear oils for worm gears in the food industry



Description

STRUB Food Gear Synt PG are high quality polyglycol based gear oils for the food, beverage and feed industry.

The products are NSF (H1) registered and certified by NSF according to ISO 21469 and approved for use where possible food contact may occur. Manufactured to the highest quality standards in facilities where HACCP has been implemented and forms an integral part of the ISO 9001 and ISO 21469 quality and hygiene management systems. In addition, the products are certified according to the strict guidelines in accordance with Kosher and Halal.

Application

Zur Schmierung von Schnecken-, Stirnrad-, Kegelrad- und Planetengetrieben, die starken Druck- und hohen Temperaturbelastungen ausgesetzt sind. Verwendbar in Industrieanlagen, Arbeitsmaschinen und Schienenfahrzeugen. Für Gleit- und Wälzlager in Hebezeugen, Kalandern, Walzwerken, Papiermaschinen, Brechern, Knetern, Förderanlagen usw.

Features and advantages

- high protection against micro-pitting
- is not compatible with mineral oil or PAO
- low evaporation loss
- excellent aging resistance, optimum corrosion protection
- excellent wear protection
- excellent viscosity-temperature behavior
- Sealing materials such as acrylonitrile-butadiene rubber, Viton, PTFE and silicone rubber are resistant to STRUB Food Gear Synt PG. Compatibility with other elastomers must be tested on a case-by-case basis

Specifications

DIN 51517 CLP

Technical data

ISO VG	Test method		100	150	220	320	460
Art.-No.			33206	31359	31355	31356	31357
NSF Registration No.			-	156060	156061	156062	157057
Density at 20°C	ISO 12185	g/m ³	0.992	0.996	0.998	1.000	1.012
Viscosity at 40°C	ISO 51562-T1	mm ² /s	102	154	225	328	460
Viscosity at 100°C	ISO 51562-T1	mm ² /s	18.1	26.4	37	54	77
Viscosity index			197	208	216	231	250
Flash point	ISO 2592	°C	> 210	240	260	260	260
Pour point	ISO 3016	°C	- 45	- 40	- 39	- 36	- 30
FZG-Test A/8.3/90	ISO 51354-T2		> 12	> 12	> 12	> 12	> 12

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