

NEVASTANE[®] SY



Food processing Industries



Synthetic Foodgrade Lubricants (Polyglycol) for incidental food contact.

NEVASTANE SY (220-320-460) is a line of fully synthetic foodgrade lubricants (Polyglycol).

NEVASTANE SY is recommended for the general lubrication in food processing industries or wherever a high level of hygienic protection is needed.

The synthetic hydrocarbon base stocks (Polyglycol) and high performance additives provide excellent protection for equipments at high temperatures and high loads.

NEVASTANE SY also provides excellent thermal stability, outstanding load carrying properties and good corrosion protection.

NEVASTANE SY assures long machine life while reducing contamination problems as required by the Hazard Analysis and Critical Control Point System (HACCP).

NEVASTANE SY is NSF-H1 registered for incidental food contact.

It is formulated from ingredients meeting US FDA regulation 21 CFR 178.3570.

NEVASTANE SY is a biostable product, it does not promote the development of bacteria and mould.

Applications	Benefits
■ High temperature oven chains and conveyor.	■ Thermally stable operation at temperature >200°C .
■ Worm gears and other heavily loaded gear sets.	■ Extended drain intervals.
■ Rotary compressors.	■ Excellent anti-wear and high pressure protection.
■ Beverage and brewing equipment.	■ Highly micropitting resistant.
■ Sliding and roller bearings.	■ Water soluble.
■ Refrigeration applications (above pour point).	■ Flender approval for worm gears.
	■ Bonfiglioli approval (gears)

Properties					
Properties	Methods	Unity	NEVASTANE SY		
			220	320	460
Viscosity Grade ISO			220	320	460
NSF-H1 registration number	-	-	n° 133737	n° 133738	n° 133739
Appearance	Visual	-	Yellow liquid (may be slightly hazy)		
Colour	ASTM E-284	-	1	1	1
Kinematic viscosity at 40°C	ISO 3104	mm ² /s	220	320	460
Viscosity index	ISO 2909	-	> 200	> 200	> 200
Flash Point COC	ISO 2592	°C	275	275	275
Pour point	ISO 3016	°C	-39	-30	-30
Density at 20°C	ISO 12185	kg/m ³	1057	1061	1067
FZG A/8,3/90 (damage level)	DIN 51354/2	-	> 12	> 12	> 12
FZG Micropitting resistance	FVA 54/I-IV	-	-	-	-
- damage load stage	-	-	10	10	10
- endurance test	-	-	10	10	10

Handling operations :

Oils based on Polyalkylene Glycols such as **NEVASTANE SY**, are incompatible with most minerals and synthetic oils (PAO).

Similarly, check compatibility with system components (seals and paints).



TOTAL LUBRIFIANTS Industrie & Spécialités

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KEYSTONE NEVASTANE[®] SY

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Ce lubrifiant utilisé selon nos recommandations et pour l'application pour laquelle il est prévu ne présente pas de risque particulier.

Une fiche de données de sécurité conforme à la législation en vigueur dans la C.E. est disponible sur www.quick-fds.com et auprès de votre conseiller commercial.