

NEVASTANE EP



Food industry



Mineral gear oils, suitable for incidental food contact.

APPLICATIONS

- **NEVASTANE EP** oils are recommended for the lubrication of gear reducers, plain and roller bearings with high loads in the food processing industries.
- **NEVASTANE EP** oils are also suitable for the lubrication of numerous applications in the food industry such as chains and conveyor belts.
- **NEVASTANE EP** formulation is based on white mineral oil and high performance additives provides excellent extreme-pressure, anti-wear and anti-oxidant properties.

SPECIFICATIONS

- The formulation of **NEVASTANE EP** oils complies with the FDA chapter 21 CFR, 178.3570.
- **NEVASTANE EP** oils are **NSF H1** registered:
 NEVASTANE EP 100: No 127081 NEVASTANE EP 150 : No 123563 NEVASTANE EP 220: No 123523
 NEVASTANE EP 320: No 123143 NEVASTANE EP 460: No 123564 NEVASTANE EP 680: No 135815
 NEVASTANE EP 1000: No 123561
- **NEVASTANE EP** oils are **Kosher** and **ISO 21469** certified.
- International specification: ISO 6743-4 CKC.
- **NEVASTANE EP** oils are biostable products, they do not promote the development of bacteria and mould.

ADVANTAGES

- **NEVASTANE EP** oils are recommended for use where incidental contact with food may occur. Using maintenance lubricants which have been registered H1 with NSF minimizes your critical control points as required by HACCP.
- Superior protection against high loads.
- Adapted to a wide range of applications.

TYPICAL CHARACTERISTICS	METHODS	UNITS	NEVASTANE EP						
			100	150	220	320	460	680	1000
Appearance	Visual	-	clear and bright liquid						
Density @ 15°C	ISO 12185	-	850	875	878	878	877	884	880
Kinematic viscosity @ 40 °C	ISO 3104	mm ² /s	100	150	220	320	460	680	1000
Kinematic viscosity @ 100 °C	ISO 3104	mm ² /s	11,3	14,5	19,5	26,3	29,0	51,0	60,0
Viscosity Index (VI)	ISO 3104	-	100	90	100	110	100	125	110
Flash point C.O.C.	ISO 2592	°C	216	216	227	215	218	240	206
Fire point C.O.C	ISO 2592	°C	246	250	254	243	243	263	268
Pour point	ISO 3016	°C	-9	-9	-9	-9	-9	-9	-9
4 ball test - wear (scar diameter)	ASTM D 4172	mm	0,4	0,4	0,4	0,3	0,3	0,3	0,3
4 ball test - EP weld load	ASTM D 2783	daN	160	160	160	160	160	160	160
FZG Test (A/8, 3/90°C) - Fail stage	DIN 51354-2	-	12	12	12	12	12	12	12

Above characteristics are mean values given as an information.

Recommendations:

- Store the product at ambient temperature
- Minimize the periods of exposure to temperatures above 35°C
- **Shelf life: 5 years** from date of manufacture (unopened)

TOTAL LUBRIFIANTS
 Industrie & Spécialités
 02-08-2010 (supersedes 02-12-2009)
 NEVASTANE EP
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This lubricant used as recommended and for the application for which it has been designed does not present any particular risk.
 A material safety data sheet conforming to the regulations in use in the E.C. can be obtained from your local commercial adviser or down loaded from www.quick-fds.com.