

# NEVASTANE EP



Food industry



**Gear oils, suitable for incidental food contact.**

## APPLICATIONS

- **NEVASTANE EP** formulation is based on **white mineral oils, synthetic oils**, and high performances additives provides excellent extreme-pressure, anti-wear and anti-oxidant properties.
- **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.

## 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 146884	NEVASTANE EP 150: No 146886	NEVASTANE EP 220: No 146887
NEVASTANE EP 320: No 146888	NEVASTANE EP 460: No 146889	NEVASTANE EP 680: No 146891
NEVASTANE EP 1000: No 146885		
- **NEVASTANE EP** oils are **Kosher, Halal** and ISO 21469 certified.
- ISO 12925-1 CKD (extended oil draining).
- DIN 51517-3 CLP.
- DIN 51554-2 - FZG (A/8, 3/90°C) - Fail stage > 12.
- ASTM D 4172 - 4 ball test – wear (scar diameter) - 0.3 mm.

## 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 <sup>2</sup> /s	100	150	220	320	460	680	1000
Kinematic viscosity @ 100 °C	ISO 3104	mm <sup>2</sup> /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	-12	-9	-9	-9	-9	-9	-9

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**  
 11-03-2013 (supersedes 7-02-2013)  
 NEVASTANE EP  
 1/1



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](http://www.quick-fds.com).