TECHNICAL DATA SHEET

06/01/2026 Ref. 00000000

Nevastane EP

DESCRIPTION

- Gear oils, suitable for incidental food contact.
- Nevastane EP is formulated without MOAH, ensuring food safety in compliance with Commission Recommendation (EU) 2017/84.

APPLICATIONS

- Nevastane EP formulation is based on white mineral oils, synthetic oils, and high performances additives provides excellent extreme-pressure, anti-wear and antioxidant properties.
- Nevastane EP oils are recommended for the lubrication of gear reducers, plain and roller bearings with high loads in the food processing industries.
- Nevsatne 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.

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.
- Excellent anti-wear and corrosion protection.

  Miscible with mineral fluids.

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 downloaded at www.quick-fds.com.

TotalEnergies Lubrifiants
SA 552 006 454 RCS Nanterre - France

- ISO 12925-1 CKD (extrended 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.

RECOMMENDATIONS

- Store the product at ambient temperatures

- Minimize the periods of exposure to temperatures above 35°C

- Shelf life: 5 years from date of manufacture (unopened)

TYPICAL CHARACTERISTICS

PROPERTIES	Nevastane EP							UNITS	STANDARDS
	100	150	220	320	460	680	1000		
Appearance	Clear and bright liquid							-	Visual
Density at 15°C	871	873	876	878	880	884	886	-	ISO 12185
Kinematic viscosity at 40°C	100	150	220	320	460	680	1000	mm^2/s	ISO 3104
Kinematic viscosity at 100°C	12.05	16.06	21.01	27.35	35.52	46.92	62.4	mm^2/s	ISO 3104
Viscosity index	111	112	113	114	116	118	122	-	ISO 3104
Flash point C.O.C	254	254	247	243	243	247	241	°C	ISO 2592
Pour point	-15	-15	-18	-18	-21	-21	-24	°C	ISO 3016

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