TECHNICAL DATA SHEET

02/01/2026 Ref. 00000000

Nevastane XSH

DESCRIPTION

- Synthetic (PAO) gear oils, suitable for incidental food contact.
- Nevastane XSH is formulated without MOAH and MOSH, ensuring food safety in compliance with Commission Recommendation (EU) 2017/84.

APPLICATIONS

- Nevastane XSH oils (grades 150 to 460) are recommended for the lubrication of gear reducers, plains, and roller bearings with high loads in the food processing industries.
- Nevastane XSH 150 to 460 oils are also suitable for the lubrication of numerous applications in the food industry such as chains and conveyor belts.
- Nevastane XSH formulation, 100% synthetic, based on PAO, provides superior protection and longer service life to the lubricated equipment.

SPECIFICATIONS

- The formulation of NEVASTANE XSH oils complies with the FDA chapter 21 CFR, 178.3570.
- Nevastane XSH oils are NSF H1 registered:
  Nevastane XSH 150: No 147305
  Nevastane XSH 220: No 147302
  Nevastane XSH 320: No 147303
  Nevastane XSH 460: No 147304
- Nevastane XSH oils are Kosher, Halal and ISO 21469 certified.
- International specification: ISO 12925-1 CKD.
- DIN 51517-3 CLP

ADVANTAGES

- Nevastane XSH 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.
- 100% synthetic formulation.
- Wide temperature range.
- Significant extensions of oil drain intervals.

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

- DIN 51354-2 - 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, to daylight, to dust, and to humidity

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

TYPICAL CHARACTERISTICS

PROPERTIES	Nevastane XSH				UNITS	STANDARDS
	150	220	320	460		
Appearance	Clear and bright liquid				-	Visual
Density at 20°C	840	842	845	848	-	ISO 12185
Kinematic viscosity at 40°C	150	220	320	460	mm^2/s	ISO 3104
Kinematic viscosity at 100°C	19.0	26.0	36.0	47.0	mm^2/s	ISO 3104
Viscosity index	152	156	159	161	-	ISO 3104
Flash point C.O.C	264	272	276	272	°C	ISO 2592
Pour point	-51	-45	-42	-42	°C	ISO 3016

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