TECHNICAL DATA SHEET

V.01/2026 NEVASTANE XS 80

NEVASTANE XS 80

DESCRIPTION

- **Extreme pressure, very low temperature, calcium sulfonate complex grease for food industry.**
- **NEVASTANE XS 80 is formulated without MOAH, ensuring food safety in compliance with Commission Recommendation (EU) 2017/84**

APPLICATIONS

- **NEVASTANE XS 80** is an extreme pressure grease dedicated to the lubrication in food industry under very severe conditions: low temperature, water, high load, dust.
- **NEVASTANE XS 80** is recommended for the lubrication of pelleting presses (KAHL, Promill Stolz, CPM, UMT, Van Aarsen…) in feed and sugar industries.

SPECIFICATIONS

- **NEVASTANE XS 80** is formulated in accordance with US FDA Regulation 21 CFR, 178.3570.
- **NEVASTANE XS 80** is **NSF H1** registered: No 147140 and ISO 21469 certified.
- ISO 6743-9 : L-XEFFB1/2
- DIN 51 502 : KP1/2R-55

ADVANTAGES

- **NEVASTANE XS 80** meets the most stringent industrial requirements.
- Extension of the equipment life while reducing contamination problems as required by the Hazard Analysis and Critical Control Point System (HACCP).
- Excellent mechanical and thermal stability (high dropping point).
- Remarkable load resistance thanks to its naturally high extreme pressure and anti-wear properties.
- Outstanding water and steam resistance and excellent food acids/alkalis resistance.
- No significant loss of consistency is observed even with high amounts of water entering the grease.
- Excellent anti-oxidation and anti-corrosion properties, also in the presence of salt water.

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 ms-sds.totalenergies.com

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RECOMMENDATIONS

- Store the product at temperatures between 0 and 35°C.
- Shelf life: 36 months from date of manufacture (unopened).
- Always avoid contamination of the grease by dust and/or dirt when applying

TYPICAL CHARACTERISTICS

TYPICAL CHARACTERISTICS	METHODS	UNITS	NEVASTANE XS 80
Soap/thickener	-	-	Calcium Sulfonate Complex
Color	Visual	-	Light beige
Appearance	Visual	-	Smooth
NLGI grade	ASTM D 217	grade	1.5
Operating temperature range	-	°C	from -55 to 180
Penetration at 25 °C	ASTM D 217	0.1 mm	280-310
Four ball weld load	ASTM D 2596	kgf	>400
Anti-rust performance SKF-EMCOR	ISO 11007	rating	0 - 0
Dropping point	IP 396	°C	> 300
Flow pressure 1400 mbar	DIN 51805	°C (mbar)	<-55 (1385)
Kinematic viscosity of the base oil at 40 °C	ISO 3104	mm²/s	80

Above characteristics are mean values given as information.

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