



# NEVASTANE XS 320

## DESCRIPTION

- **Food grade extreme pressure calcium sulfonate complex grease.**
- **NEVASTANE XS 320 is formulated without MOAH, ensuring food safety in compliance with Commission Recommendation (EU) 2017/84.**



## APPLICATIONS

- **NEVASTANE XS 320** is an extreme pressure grease dedicated to the lubrication in food industry under very severe conditions: water, high load, high temperature, dust...
- **NEVASTANE XS 320** is recommended for the lubrication of pelleting presses (KAHL, Promill Stolz, CPM, UMT, Van Aarsen...) in feed and sugar industries.

## SPECIFICATIONS

- **NEVASTANE XS 320** is formulated in accordance with US FDA Regulation 21 CFR, 178.3570.
- **NEVASTANE XS 320** is **NSF H1** registered: No 147141 and ISO 21469 certified.
- ISO 6743-9 : L-XCFFB1/2
- DIN 51 502 : KP1/2R-35

## ADVANTAGES

- **NEVASTANE XS 320** meets the most stringent industrial requirements:
- Continuation 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](http://ms-sds.totalenergies.com)

## RECOMMENDATIONS

- Store the product at temperatures between 0 and 35°C.
- Shelf life: 36 months from date of manufacture (unopened).

## TYPICAL CHARACTERISTICS

TYPICAL CHARACTERISTICS	METHODS	UNITS	NEVASTANE XS 320
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 -40 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
Base oil type	-	-	White oil / PAO (with polymers)
Kinematic viscosity at 40 °C	ISO 3104	mm <sup>2</sup> /s	320

Above characteristics are mean values given as information.

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