



NEVASTANE XS 220

DESCRIPTION

Extreme pressure calcium sulfonate complex grease for food industry.



No MOAH (Mineral Oil Aromatic Hydrocarbons).

*The Nevastane range will not contribute to MOAH content in foods when used in accordance with FDA 21CFR178.3570 limitations.

SPECIFICATIONS

- **NEVASTANE XS 220** is formulated in accordance with US FDA Regulation 21 CFR, 178.3570.
- **NEVASTANE XS 220** is **NSF H1** registered: No 152237 and ISO 21469 certified.
- ISO 6743-9 : L-XEFHB1/2
- DIN 51 502 : KP1/2R-40

APPLICATIONS

- **NEVASTANE XS 220** is an extreme pressure grease dedicated to the lubrication in food industry under very severe conditions: low temperature, water, high load, dust.
- **NEVASTANE XS 220** is recommended for the lubrication of pelleting presses (KAHL, Promill Stolz, CPM, UMT...) in feed, sugar and paper industries.

ADVANTAGES

- **NEVASTANE XS 220** 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 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 down loaded at ms-sds.totalenergies.com

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 220
Soap/thickener	-	-	Calcium Sulfonate Complex
Color	Visual	-	Light brown
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	DIN 51350/4	daN	>400
Anti-rust performance SKF-EMCOR	ISO 11007	rating	0 - 0
Dropping point	IP 396	°C	> 300
Base oil nature	-	-	White oil / PAO (with polymers)
Kinematic viscosity of the base oil at 40 °C	ISO 3104	mm ² /s	220

Above characteristics are mean values given as an information.

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