

# NEVASTANE XS 80



*Food industry*

Low temperature extreme-pressure calcium sulfonate complex grease for food and food related industry.

## APPLICATIONS

Food and feed industry

Lubrication under severe conditions (load and temperature)

Recommendation

- **NEVASTANE XS 80** is a heavy duty multi purpose premium grease, based on an overbased calcium complex technology and synthetic oil especially designed for applications working **under very low temperatures** and/or **high load** conditions.
- **NEVASTANE XS 80** is an EP multi purpose grease, recommended for various applications in the food and food related industry operating under severe conditions (high load, high temperature, water, dust).
- **NEVASTANE XS 80** is very suitable to lubricate pelleting presses used in feed industry (pet food, sugar beet): KAHL, PROMILL, CPM, UMT, VAN AARSEN...).
- Always avoid contamination of the grease by dust and/or dirt when applying. Preferably use a pneumatic pump system or cartridges.

## 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.

## ADVANTAGES

True multi purpose

High loads

Water resistant

Low temperatures

High temperatures

Anti corrosion

- Thanks to its very sophisticated formula and performance reserves, **NEVASTANE XS 80** meets the most stringent industrial requirements.
- **NEVASTANE XS 80** assures long machine life while reducing contamination problems as required by the Hazard Analysis and Critical Control Point System (HACCP).
- Excellent thermal stability. It regains its original texture after cooling to ambient temperature.
- Remarkable load resistance thanks to its naturally high extreme pressure and anti-wear properties.
- Extraordinary water resistance, no significant loss of consistency is observed even with high amounts of water entering the grease. Resistant to food acids and alkalis.
- Excellent anti-oxidation and anti-corrosion properties thanks to the very nature of the calcium sulfonates, also in the presence of salt water.



TOTAL

TYPICAL CHARACTERISTICS	METHODS	UNITS	NEVASTANE XS 80
Soap/thickener		-	Calcium sulfonate
NLGI grade	ASTM D 217/DIN 51 818	-	1 - 2
Color	Visual	-	Brown
Appearance	Visual	-	Smooth
Operating temperature range		°C	- 50 to 160
Penetration at 25°C	ASTM D 217/DIN51 818	0.1 mm	280 - 310
Four ball weld load	ASTM D 2596	kgf	620
Anti-rust performance SKF- EMCOR	DIN 51 802/IP220/NFT 60-135/ISO 11007	Rating	0 - 0
Flow pressure 1400 mbar	DIN 51805	°C (mbar)	< -55 ( 1385)
Dropping point	IP 396/NFT 60 102C	°C	> 300
Kinematic viscosity of the base oil at 40°C	ASTM D 445/DIN 51 562-1/ISO 3104/ IP71	mm <sup>2</sup> /s (cSt)	80

Above characteristics are mean values given as an information.

**Recommendations:**

- Store the product at temperatures between 0 and 35°C.
- **Shelf life: 24 months** from date of manufacture (unopened).

**TOTAL LUBRIFIANTS  
INDUSTRIE**

19-07-2013 (supersedes 11-02-2013)

NEVASTANE XS 80

2/2



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 from [www.quick-fds.com](http://www.quick-fds.com).