

NEVASTANE XS 220



Food industry



Food grade extreme pressure calcium sulfonate complex grease.

APPLICATIONS

Under severe conditions in food and feed industry

**Pelleting presses
Paper mill**

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

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.

ADVANTAGES

Reduction of consumption

Long service life

High load carrying properties

Water resistance

Superior anti-corrosion properties

- **NEVASTANE XS 220** 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.

| 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 | ISO 2176 | °C | > 300 |
| Base oil type | - | - | White oil / PAO (with polymers) |
| Kinematic viscosity at 40 °C | ISO 3104 | mm ² /s | 220 |

Above characteristics are mean values given as an information.

Recommendations:

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

TOTAL LUBRIFIANTS
INDUSTRIE

20-12-2019 (supersedes 31-01-2019)

NEVASTANE XS 220

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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.