

NEVASTANE HTF



Food Industry



Heat transfer fluid for incidental food contact.

APPLICATIONS

- **NEVASTANE HTF** is a heat transfer fluid designed for closed circuits and a large number of applications in the food and pharmaceutical industries: double-boilers, autoclaves, reactors, ovens, presses and moulds.
- Process temperature: <300 °C (330 °C in the oil film) without air contact.
- To ensure the consistency of the physical and chemical properties, a monitoring by analyses of the **NEVASTANE HTF** in use is recommended.

SPECIFICATIONS

International standards

- The formulation of **NEVASTANE HTF** based on white mineral oil complies with FDA, chapter 21 CFR, 178.3570.
- **NEVASTANE HTF** is **NSF H1** registered: No 131004.
- **NEVASTANE HTF** is **kosher** and **ISO 21469** certified.
- **NEVASTANE HTF** is a biostable product, it does not promote the development of bacteria and mould.
- ISO 6743/12 class L family QC
- DIN 51502 class L

ADVANTAGES

- **NEVASTANE HTF** is recommended for use where incidental contact with food may occur. Using maintenance lubricants which have been registered H1 with NSF minimizes your critical control points as required by HACCP.
- Exceptional resistance to high temperature.
- Long service life under severe conditions of use.

| TYPICAL CHARACTERISTICS | METHODS | UNITS | NEVASTANE HTF |
|------------------------------|-----------|--------------------|------------------|
| Appearance | Visual | - | Bright and Clear |
| Density @ 15°C | ISO 12185 | - | 0.854 |
| Kinematic viscosity @ 40 °C | ISO 3104 | mm ² /s | 32 |
| Kinematic viscosity @ 100 °C | ISO 3104 | mm ² /s | 5 |
| Flash point OC | ISO 2592 | °C | 210 |
| Fire point OC | ISO 2592 | °C | 240 |
| Pour point | ISO 3016 | °C | - 6 |
| Bulk temperature limit* | - | °C | 310 |
| Oil layer temperature limit* | - | °C | 330 |

Above characteristics are mean values given as an information.

* without air contact

Recommendations :

- Store the product at ambient temperature
- Minimize the periods of exposure to temperatures above 35°C
- **Shelf life: 5 years** from date of manufacture (unopened).

TOTAL LUBRIFIANTS
Industrie & Spécialités
04-07-2012 (supersedes26-01-2012)
NEVASTANE HTF
1/1



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.