

NEVASTANE HTF



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, Halal** 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.
- The addition of a high quality antioxidant confers **NEVASTANE HTF** an outstanding oxidation resistance, even at extremely high temperatures.
- 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	- 18
Oxidation resistance - RPVOT	ASTM D 2272	Min	200
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

16-11-2016 (supersedes 19-02-2016)
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.