

NEVASTANE HT/AW

New formulation - 2011 Q1



Food industry

Multi purpose extreme pressure greases, suitable for incidental food contact.

APPLICATIONS

- NEVASTANE HT/AW greases are high performance food grade lubricants based on aluminium complex soap, white mineral oil and selected additives.
- NEVASTANE HT/AW range has been specially reformulated to offer new **white** multi purpose greases with better performances **in presence of water** and **extreme pressure** performances for grades 1 and 2.
- NEVASTANE HT/AW greases are recommended for numerous applications operating under severe conditions in the food and beverage industry: loaded gears and bearings, seamers, filling machines, etc.
- NEVASTANE HT/AW greases present a wide operating temperature range: -20°C to +150°C.

SPECIFICATIONS

- The formulation of NEVASTANE HT/AW greases complies with the FDA chapter 21 CFR, 178.3570.
- NEVASTANE HT/AW greases are **NSF H1** registered:
NEVASTANE HT/AW 00: No 129110 NEVASTANE HT/AW 0: No 123538
NEVASTANE HT/AW 1: No 123539 NEVASTANE HT/AW 2: No 123540
- NEVASTANE HT/AW greases are **Kosher** and **ISO 21469** certified.
- NEVASTANE HT/AW greases are biostable products, they do not promote the development of bacteria and mould.

ADVANTAGES

- NEVASTANE HT/AW greases are 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.
- Excellent protection against corrosion.
- Very good water and steam resistance and outstanding adhesion to metal surfaces.
- Superior extreme pressure properties for NEVASTANE HT/AW 1 and 2.

CHARACTERISTICS	METHODS	UNITS	NEVASTANE			
			HT/AW 00	HT/AW 0	HT/AW 1	HT/AW 2
Soap/thickener	-	-	Aluminium Complex			
Color	Visual	-	White, translucent		White	
Appearance	Visual	-	Smooth, homogeneous and slightly tacky			
NLGI grade	ASTM D 217	grade	00	0	1	2
Operating temperature range	-	°C	from -20°C to +150°C			
Penetration at 25 °C	ASTM D 217	0.1 mm	400 - 430	355 - 385	310 - 340	265 - 295
Dropping point	IP 396 /NF T 60102C	°C	> 180	> 200	> 225	> 245
Four ball - wear test	ASTM D 2596	mm	0.6	0.6	< 0.6	< 0.6
Four ball - weld load	ASTM D 2596	kgf	-	-	> 250	> 250
Base oil type	-	-	White mineral oil (with polymers)			
Kinematic viscosity at 40 °C	ISO 3104	mm ² /s	120			

Above characteristics are typical 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 & Spécialités
05-12-2011 (supersedes 02-08-2010)
NEVASTANE HT/AW
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.