



TOTAL

COMMITTED TO BETTER ENERGY



Food processing industry

Your production is secure with NEVASTANE lubricants

Energizing performance. Every day



Food safety: no worries!

Guaranteeing food safety to consumers is paramount for today's food processors. With this challenge in mind, Total Lubrifiants has developed NEVASTANE, a full range of NSF H1 registered lubricants designed for use when incidental contact with food is possible. Using these products instead of traditional products allows you to avoid serious consequences for both the consumer and your brand image, in the event the lubricant comes into contact with the food accidentally. Use NEVASTANE with complete peace of mind!

● A range of products adapted to your needs



The NEVASTANE range spans a wide array of products that have been completely reformulated to meet the latest requirements of industrial equipment suppliers. Offering improved performance for every food industry application, NEVASTANE products protect your equipment and extend its working life, even in the most difficult operating conditions such as wide temperature ranges or in presence of water or food...

● The assurance that the products are:

- registered NSF H1
- free of any compound of animal origin
- GMO free
- allergen free
- manufactured in ISO 21469-certified plants



● Innovative packaging



- With the clean and easy-to-use **LUBE SHUTTLE GREASE GUN**, you can quickly apply grease with just one hand.
- **GREASYMAT** is a new standalone, rechargeable automatic grease applicator that offers 10-bar ejection pressure.



RECOMMENDATIONS FOR USE

- Store the NSF H1 lubricants in a separate and well-identified area.
- Flush your equipment with the food grade suitable product before converting to NSF H1 lubricant for the first time (contact us).
- Label your transfer containers and dispensing equipment in order to avoid any potential cross contamination.
- Comply with the recommended product lifespan indicated on our technical datasheets, available at our website: www.total.fr/pro/lubrifiants-industrie.html

A RANGE THAT COVERS EVERY FOOD PROCESSING APPLICATION



	Type	Applications	Specific advantages	ISO VG	Specifications
NEVASTANE AW	Hydraulic oil based on white medicinal oil	- Hydraulic systems - Air-line lubricators	- Excellent anti-wear and corrosion protection - Miscible with mineral fluids	22 to 68	NSF H1 Kosher Halal
NEVASTANE SH	Synthetic (PAO) hydraulic, compressor and pneumatic oil	- Air compressors - Vacuum pumps - Hydraulic systems and especially those operating at low temperatures	100% synthetic - Wide temperature range - Significant extension of oil drain intervals - High viscosity index	32 to 100	NSF H1 Kosher Halal
NEVASTANE EP	Gear oil based on white medicinal oil and synthetic oil	- Reduction gears - Plain and roller bearings - Conveyor belts and chains	- Superior protection against high loads - Adapted to a wide range of applications	100 to 1,000	NSF H1 Kosher Halal
NEVASTANE XSH	Gear oil Synthetic PAO	- Reduction gears - Plain and roller bearings - Conveyor belts and chains	100% synthetic - Wide temperature range - Significant extension of oil drain intervals	150 to 460	NSF H1 Kosher Halal
NEVASTANE SY	Gear oil Synthetic PAG	- Worm gears and reducers - High temperature oven chains - Bottling equipment	- Excellent thermal stability - Excellent resistance to water - Superior extreme pressure characteristics *	220 to 460	NSF H1
NEVASTANE CHAIN OIL XT	Synthetic chain oil	- Conveyor belts - Oven chains - Mechanisms that operate at high temperatures	- Impressive thermal stability - Low volatility - High lubricating power	220	NSF H1 Kosher Halal

* Not miscible with other mineral and synthetic oils



	Type	Applications	Specific advantages	Range of use	Specifications
NEVASTANE LUBE AEROSOL	Multipurpose adhesive oil	- Small machines requiring almost daily lubrication - Conveyors and rails - Packaging machines	- Exceptional adhesion to metal surfaces - Resistant to water, steam and weak acid and alkaline atmospheres	-20 °C to +150 °C	NSF H1
NEVASTANE GREASE AEROSOL	Water resistant grease	Bearings, hinges, springs, chains, rails and tools	- Excellent resistance to water and steam - Exceptional adhesion to metal surfaces - Insensitive to detergents	-20 °C to +150 °C	NSF H1
NEVASTANE SILICONE SAFEGARD	Silicone oil	- Small machines and chains subject to extreme temperatures - Shrink oven chains - Conveyers and rails	- Very wide temperature range - Insulating, anti-rust and anti-corrosion - Spray without propellant gas (Safeguard technology), for environmental protection	-40 °C to +200 °C	NSF H1 Kosher



	Type	Applications	Specific advantages	NLGI grade	Thickener	Range of use	Specifications
AXA GR 1	Multipurpose grease	- Bearings and joints - Pelleting machines	- Effective in damp environments - Highly adhesive	1/2	Complex calcium	-20 °C to +150 °C	NSF 11 Kosher Halal
NEVASTANE XMF *	Multipurpose grease	- Roller and plain bearings - Crimping machines	- Excellent corrosion protection - Water-resistant	00 0 1 2	Complex Al	-20 °C to +150 °C	NSF H1 Kosher Halal
NEVASTANE HD2T	Multi purpose extreme pressure, tacky grease with PTFE	- Loaded bearings even in the presence of water - Bottling machines	- Exceptional adhesion to metal surfaces - Excellent resistance to water washout - Superior extreme pressure characteristics	2	Complex Al	-20 °C to +150 °C	NSF 11 Kosher Halal
NEVASTANE XS 80 .	High-performance 100% synthetic grease	- Bearings under high or low temperatures - Oven turbines - Sterilisers - Freezing tunnels	- Very wide temperature range - Excellent resistance to water - Longer lubrication intervals	1/2	Complex Ca sulfonate	-55 °C to +160 °C	NSF H1 Kosher Halal
NEVASTANE XS 320	High-performance 100% synthetic grease	- Bearings under loads and subject to shocks - Pelleting machines	- Wide temperature range - Excellent load resistance, even in the presence of water - Longer lubrication intervals	1/2	Complex Ca sulfonate	-30 °C to +160 °C	NSF H1 Kosher Halal

* Available in Lube Shuttle

** Available in Greasymat



	Type	Applications	Specific advantages	ISO VG	Specifications
NEVASTANE FLUSH OIL	Light viscosity fluid for cleaning and flushing	Cleaning or flushing of hydraulics, gear reducers, chains and other moving components	- Elimination of deposits and impurities - Excellent solvent power - Ideal for changing from standard lubricant to NSF H1 lubricant (except PAG and MPG)	9,5	NSF H1 Kosher Halal
NEVASTANE SDO	Sugar dissolving oil	- Dissolves sugar accumulated on equipment in production and packaging areas - Application in pure or diluted form	- Excellent for dissolving accumulated sugar on machine parts - Reduction of maintenance costs and shutdowns	-	NSF H1 Kosher
NEVASTANE ANTIFREEZE	MPG based antifreeze	Cooling circuits, including drinks, ice creams and frozen food processing	Specific protection of alloys and metal equipment against corrosion	-	NSF HT1
NEVASTANE HTF	White oil based heat transfer fluid	- Closed heat transfer circuits, airless - A large number of fabrication processes: double-boilers, autoclaves, reactors, ovens, presses and moulds	- Exceptional resistance to temperature - Process temperature <300 °C (330 °C in the oil film) - Long service life under severe conditions of use	32	NSF H1 Kosher Halal

Value-added services: we provide you support

Now more than ever, industrial companies are convinced of the need to use NSF H1 lubricants, but many wonder how they should be implemented and used in the various processing areas.

We can guide you through the entire conversion process helping to achieve your food safety objectives while reducing your production costs through continuous optimization.



Diagnose the risks of lubricant contamination

In the framework of their HACCP* programs, all food processing plants have to control the risk of contamination of their products. Our technical managers will help you to perform your lubrication diagnostics on site:

- **identify** all critical lubrication points,
- **select** the appropriate NEVASTANE product to meet the performance requirements of your applications,
- **ensure** that all conversion and implementation is performed correctly.

*HACCP: Hazard Analysis Critical Control Points

Optimize your maintenance with the TIG XP5 FOOD software



Total Lubrifiants has developed the TIG XP5 FOOD software to manage the lubrication and maintenance of your facilities. TIG XP5 FOOD helps you to:

- **plan** preventive maintenance operations,
- **manage** oil analyses and predictive maintenance,
- **control** critical lubrication points in the framework of the HACCP procedure,
- **reference** the documents and certificates required for food safety audits.

Monitor your equipment through in-service oils analysis



The expertise of our laboratories enables, through sampling of in-service oils, to:

- **monitor** the mechanical condition of your machines without dismantling or shutdown,
- **reduce** operating costs by decreasing breakdowns and production stops,
- **lengthen** oil drain intervals.

Train your teams

Total Lubrifiants offers training sessions dedicated to your sector of activity, on controlling lubrication, safety and the environment. A lubricant used under the best conditions enhances the performance and the equipment life cycle, securing your facilities, and protecting human health and the environment.



TOTAL

5 good reasons for choosing TOTAL

A major player

With our production, supply chain and commercial presence in more than 150 countries, we deliver a full range of lubricants.

Support and partnership

Thanks to local technical presence, we provide a high level of service to optimize your TOTAL cost of Ownership.

References & OEMs

TOTAL Lubricants cooperates with equipment manufacturers to create high-technology products for optimal performance and protection of your machinery.

5 good reasons for choosing TOTAL

Innovation & Research

TOTAL invests in biotechnologies to find the most suitable components to reach energy efficiency through formulations designed in our Research Centers.

Quality and environment

TOTAL Lubricants ISO 9001 certification is the guarantee of a long term commitment to quality. From the initial design stage, our R&D teams seek to develop products that minimize toxicity risks and environmental impact.



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