

# Nevastane

High performance  
lubricants

Reliability and safety  
for all food industries



**TotalEnergies**



[totalenergies.ca](http://totalenergies.ca)

# Nevastane

WITH MORE THAN  
**80 YEARS**  
OF EXPERIENCE,

Nevastane range has been developed to support food and beverage industry in their upmost safety and performance concerns.

**GRASP YOUR  
INDUSTRIAL  
PERFORMANCE.**



Nonfood Compounds  
Program Listed  
ISO 21469 Certified

# The benefits offered by TotalEnergies Lubricants



## Tailored technical support

### Site audit:

- Identification of Critical point of Lubrication (HACCP approach).
- Product recommendation, optimization, handling and storage rules.
- Stock rationalization customized on site trainings in order to fit with maintenance team expectations.

# Nevastane

## Greases

PRODUCT	APPLICATIONS	SPECIFIC ADVANTAGES	THICKENER	NLGI GRADE	BO VISCOSITY*	OPERATING TEMPERATURE RANGE	SPECIFICATIONS		
							REGISTRATION	ISO 6743-9	DIN 51502
<b>Nevastane XMF 00</b>				00				L-XBDF A00	K00N-20
<b>Nevastane XMF 0</b>	<ul style="list-style-type: none"> <li>• Extreme pressure, multipurpose and adhesive grease.</li> <li>• Suitable for high to medium speed bearings in food processing industry.</li> <li>• Roller and plain bearings.</li> <li>• Crimping machines.</li> </ul>	<ul style="list-style-type: none"> <li>• Good adhesiveness on metallic surfaces.</li> <li>• Provides excellent corrosion protection and water resistance.</li> </ul>	Aluminium Complex	0	120	-20 °C to +150 °C	NSF H1 ISO 21469 Kosher Halal	L-XBDF A0	K0N-20
<b>Nevastane XMF 1</b>				1				L-FXBDF B1	KP1N-20
<b>Nevastane XMF 2</b>				2				L-XBDF B2	KP2N-20
<b>Nevastane XS 80</b>	<ul style="list-style-type: none"> <li>• Extreme pressure, very high performances synthetic grease for high speed and very low temperatures applications in food processing industry.</li> <li>• Specific for low temperatures / freezing tunnels - Nevastane XS 80.</li> <li>• Bearing under loads and subject to shocks - Nevastane XS 220.</li> <li>• Specific for pelleting machines - Nevastane XS 320.</li> </ul>	<ul style="list-style-type: none"> <li>• Synthetic.</li> <li>• Very low temperature.</li> <li>• Excellent water resistance.</li> <li>• Long service life.</li> <li>• Reduced energy consumption.</li> </ul>	Calcium Sulfonate Complex	80		-55 °C to +150 °C		L-XEFF B 1/2	KP1/2R-55
<b>Nevastane XS 220</b>				1.5	220	-40 °C to +180 °C	NSF H1 ISO 21469 Kosher Halal	L-XDDIB 1/2	KP1/2R-40
<b>Nevastane XS 320</b>					320			L-XDFFB 1/2	KP1/2R-40



# Your challenges

- **Food safety:** meet HACCP best in class practices, NSF H1 products, traceability.
- **Reliability and durability of the equipments:** improve your production rates, despite an increase of physical and chemical constraints.
- **Reduced oil consumption:** increase draining intervals.
- **Security of supply:** product availability worldwide.

## Oils

PRODUCT	TYPE	APPLICATIONS	SPECIFIC ADVANTAGES	ISO VG	SPECIFICATIONS
<b>Nevastane AW</b>	White Mineral	<ul style="list-style-type: none"> <li>• Hydraulic systems.</li> <li>• Air-line lubricators.</li> </ul>	<ul style="list-style-type: none"> <li>• Excellent anti-wear and corrosion protection.</li> <li>• Increase equipment service life.</li> <li>• Miscible with mineral fluids.</li> </ul>	22 to 68	NSF H1 • ISO 21469 • ISO 6743-4 HM • Kosher • Halal
<b>Nevastane SH</b>	Synthetic (PAO)	<ul style="list-style-type: none"> <li>• Air compressor.</li> <li>• Vacuum pumps.</li> <li>• Hydraulic systems and especially those operating at low temperatures.</li> </ul>	<ul style="list-style-type: none"> <li>• Wide temperature range.</li> <li>• Excellent equipment protection.</li> <li>• Extension of oil drain intervals.</li> <li>• High viscosity index.</li> </ul>	32 to 100	NSF H1 • ISO 21469 • ISO 6743-4 HV • Kosher • Halal
<b>Nevastane EP</b>	Semi-synthetic	<ul style="list-style-type: none"> <li>• Gears.</li> <li>• Plain and roller bearings.</li> <li>• Conveyor belts and chains.</li> </ul>	<ul style="list-style-type: none"> <li>• Superior protection against high loads.</li> <li>• Adapted to a wide range of applications.</li> </ul>	100 to 1 000	NSF H1 • ISO 21469 • ISO 6743-6 CKD • Kosher • Halal
<b>Nevastane XSH</b>	Synthetic (PAO)	<ul style="list-style-type: none"> <li>• Gears.</li> <li>• Plain and roller bearings.</li> <li>• Conveyor belts and chains.</li> <li>• Slideways.</li> </ul>	<ul style="list-style-type: none"> <li>• Wide temperature range.</li> <li>• Low temperature start-up.</li> <li>• Excellent equipment protection.</li> <li>• Extension of oil drain intervals.</li> <li>• High loads.</li> </ul>	150 to 460	NSF H1 • ISO 21469 • ISO 6743-6 CKD • Kosher • Halal
<b>Nevastane SY</b>	Synthetic (PAG)	<ul style="list-style-type: none"> <li>• High temperature oven chains.</li> <li>• Bottling equipment.</li> <li>• Worm gears.</li> </ul>	<ul style="list-style-type: none"> <li>• Excellent thermal stability.</li> <li>• High loads.</li> <li>• Extension of oil drain intervals.</li> <li>• Outstanding extreme pressure properties.</li> </ul>	220 to 460	NSF H1 • Kosher ISO 12925-1CKD

## Nevastane specialities

PRODUCT	TYPE	APPLICATIONS	SPECIFIC ADVANTAGES	ISO VG	SPECIFICATIONS
<b>Nevastane HTF</b>	White Mineral	<ul style="list-style-type: none"> <li>• Closed circuits.</li> <li>• Numerous manufacturing processes in Agrifood Industry: water baths, autoclaves, reactors, ovens, presses and moulds.</li> </ul>	<ul style="list-style-type: none"> <li>• Process temperature &lt; +310 °C (+330 °C in the film).</li> </ul>	32	NSF H1 • ISO 21469 • ISO 6743-12 L-QC Kosher • Halal
<b>Nevastane CLEAR 15 &amp; 68</b>	White Mineral	<ul style="list-style-type: none"> <li>• Release agent in food processing plants where there is direct contact with foodstuff, such as dough dividers.</li> </ul>	<ul style="list-style-type: none"> <li>• Water white.</li> <li>• Low and high temperature service.</li> <li>• High temperature stability.</li> <li>• 3H and H1 registered.</li> <li>• Compatible with elastomers and seals.</li> <li>• Good film strength.</li> </ul>	15 68	• NSF listed 3H and H1 • Kosher

# Our solutions

- **NSF H1** solution product, allergen and GMO free certified products and ISO 21469 certified plants, Halal & Kosher certifications.
- **Full range of synthetic products**, PAO, PAG, Ester, outstanding performance calcium, sulfonate complex and PTFE greases.
- **A global network** of more than 120 affiliates and local warehouses. Technical experts in each country to support you on HACCP approach and implementation.
- **TCO approach**: product rationalization, proven outstanding performance of our premium products.

## Specific products food contact application

### Refrigerating compressor oil

PRODUCT	NATURE	APPLICATIONS	SPECIFIC ADVANTAGES	VISCOSITY*	SPECIFICATIONS
Lunaria SH	Synthetic PAO	• Refrigerating compressors using NH3/ammonia.	• Evaporating temperature > -50 °C.	ISO 68	NSF H1 • Kosher ISO 6743-3 DRA • APV • Gram • Bock • J & E Hall • Grasso • Howden • Sabroe • York





# Industry leading standards for quality, safety and traceability

To evidence our commitment with the upmost stringent guidelines and regulation

### All Nevastane range is registered as NSF H1!



Nonfood Compounds Program Listed

- Suitable for incidental food contact.
- H1 registration is based on a strict list of raw materials validated by FDA 21 CFR 178.3570.

To respect all needs from our clients worldwide

### All our plants producing Nevastane are ISO 21469!



ISO 21469 Certified

- International standard about hygiene, safety and quality with an annual audit by NSF.
- Today, our plants are key to ensure the high quality of our products.

To ensure reliability and safety

### Nevastane is also concerned by Kosher and Halal certifications!



Our plants are audited to comply with standards of "kashrut" (Jewish dietary law) for Kosher and Islamic law for Halal.

To mitigate risks and bring comfort in daily life at your warehouse

### Nevastane is developed to focus on performance through controlled compounds!



These lubricants do not present any of the potential risks associated to products of animal origin. Nevastane is free of GMO and no allergens are intentionally introduced during the manufacturing of our products.

Nevastane has a dedicated packaging to be easily identified as "H1 lubricant".



### **A major player**

With our production, supply chain and commercial presence in more than 160 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**

TotalEnergies Lubrifiants cooperates with equipment manufacturers to create high-technology products for optimal performance and production of your machinery.

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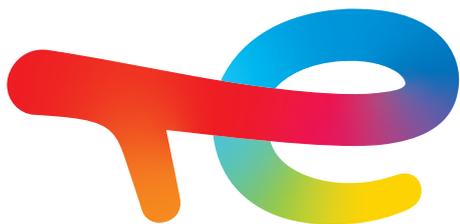
## good reasons for choosing TotalEnergies Lubrifiants

### **Innovation & Research**

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

### **Quality and environment**

TotalEnergies Lubrifiants ISO 9001 and 14001 certifications are the guarantee of a long term commitment to quality and environment. From the initial design stage, our R&D teams seek to develop products that minimize toxicity risks and environmental impact.



# TotalEnergies



Contact TotalEnergies Canada today

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Safety Data Sheets are available at [ms-sds.totalenergies.com](http://ms-sds.totalenergies.com)



TotalEnergies Industry Solutions