



# Canned & frozen food industry

High performance  
industrial lubricants

Ensuring food safety  
to maximize productivity



**TotalEnergies**



# Summary

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- The benefits offered by TotalEnergies Lubrificants LubAnac & LubInsight
- Your challenges, our solutions
- Product ranges by equipment
- Five good reasons for choosing TotalEnergies Lubrificants



# Nevastane

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

Our teams are committed to helping you get more from your equipment for optimum reliability, especially during harvest.

**GRASP YOUR INDUSTRIAL PERFORMANCE.**



## The benefits offered by TotalEnergies Lubrificants



**NEVASTANE WAS DEVELOPED TO MEET THE SAFETY REQUIREMENTS OF MAJOR AGRIBUSINESS PLAYERS**

**FOOD INDUSTRY LEADING STANDARDS FOR QUALITY, HYGIENE AND TRACEABILITY, OUR NSF CERTIFICATIONS ARE:**

- NSF H1: Registered formulas incidental food contact possible.
- NSF ISO 21469: Certified factories. All production is therefore carefully monitored and audited to guarantee the highest levels of safety:
  - Formulating review.
  - Traceability and verifications.
  - Product testing.
  - Annual independent audit of our facility and products.



Nevastane also guarantees:



### TotalEnergies lubricants, giving you that extra support!

#### Technical assistance

Present in more than **160 countries**, our experts are always by your side ready to support you:

- On-site audits.**
- Identify the Critical Lubrication Points (HACCP).**
- Rationalization, TCO approach.**
- Product recommendations, optimizations, best practices for usage and storage.**
- On-site training.**

#### LubInsight maintenance planner

optimized maintenance software for your lubricants

Based on the expertise of our engineers, **LubInsight maintenance planner** enables you to:

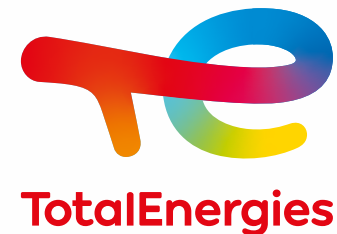
- Increase efficiency and savings of your maintenance operations.**
- Guarantee quality and safety** through documentation management and tracking of critical points.
- Monitor your lubricant analysis and parameters** with one single tool.

#### LubAnac

With **LubAnac Indus**, our preventive and corrective oil analysis solution, you can:

- Reduce your operating costs.**
- Optimize drain intervals and extend the lifetime** of your machines.
- Anticipate and plan maintenance operations to perform them** at the best time.
- Improve the reliability and performance** of your equipment.



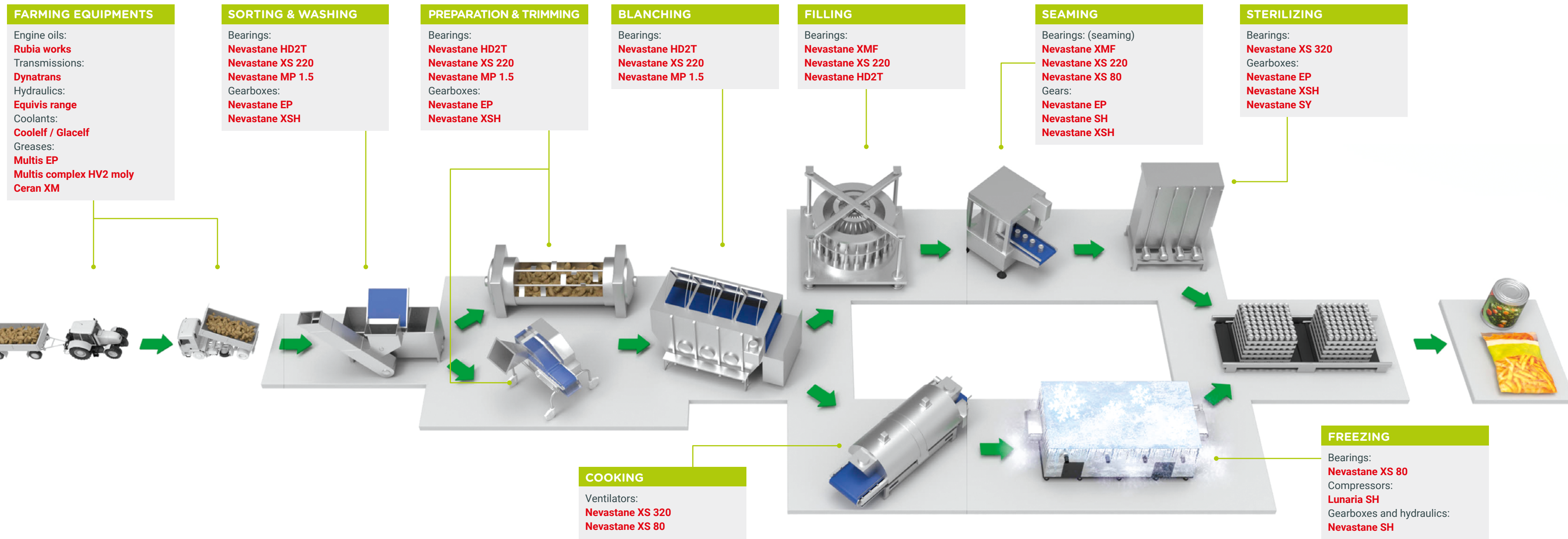


## Your challenges

- **Guarantee that your equipment** is reliable and always available, especially during harvest.
- Use state of the art lubricants to **extend equipment lifetime** and reduce shutdowns.
- Maximize **food safety** by following **HACCP** best practices and using **NSF H1** products.
- Find an **experienced lubricant partner** to rationalize and optimize your process.

## Our solutions

- **Efficient in every food processing applications**, the Nevastane range protects your equipment no matter how severe the conditions are (presence of juices residues, changing temperatures).
- A full range of **NSF H1** registered lubricants adapted to the possibility of incidental contact with food.
- International network of subsidiaries ensuring **local and technical support**, and a robust **supply chain** that maximizes worldwide product availability.
- TotalEnergies Lubrifiants is an **experienced multi-specialist company** able to offer a large range of specialized lubricants.



**GREASES:**

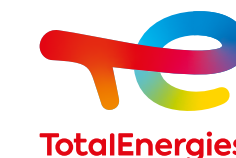
Products	Applications	Thickener	Temperature range	Humidity resistance	Washout resistance	Extreme pressure properties	Specific advantages
<b>Nevastane XMF</b>	Seaming	Aluminium complex	-20°C to +150°C	2 water droplets	2 spray icons	3 shield icons	Extreme pressure and multipurpose grease.
<b>Nevastane HD2T</b>	Trimming	Aluminium complex	-20°C to +150°C	2 water droplets	2 spray icons	3 shield icons	Excellent adhesiveness. Contains PTFE additives.
<b>Nevastane XS 320</b>	Sterilizing, cooking	Calcium sulfonate complex	-40°C to +180°C	3 water droplets	1 spray icon	3 shield icons	Extreme pressure performances over a wide range of temperatures. Slow and medium motion. Excellent water resistance.
<b>Nevastane XS 80</b>	Freezing and fans	Calcium sulfonate complex	-55°C to +180°C	3 water droplets	1 spray icon	2 shield icons	High performances at high speed or at very low temperatures.

**OILS:**

Products	Applications	Base oil	ISO VG	Specific advantages
<b>Nevastane XSH</b>	Gears	PAO synthetic	150 to 460	High loads and extension of oil drain intervals.
<b>Nevastane EP</b>	Gears Seamers	Semi-synthetic	100 to 1000	Extreme pressure. Adapted to a wide range of applications.
<b>Nevastane AW</b>	Hydraulics	White oil	22 to 68	Excellent anti-wear and corrosion protection.
<b>Nevastane SH</b>	Hydraulics	PAO synthetic	32 to 100	Excellent hydraulic systems protection especially at low temperature conditions. Refrigerating compressor oil that has been designed specifically for food industry, using NH3/ammonia. Evaporator temperature down to -50 °C.
<b>Lunaria SH</b>	Compressor	PAO synthetic	100 to 1000	

Nevastane has been developed to comply and exceed the highest requirements of food safety.

Beyond the high performance of our lubricants, Nevastane is able to extend maintenance intervals and component lifetime ensuring productivity.





## Dedicated oils



- **Nevastane EP:** Semi-synthetic oil for gears and bearings, adapted to a wide range of applications. Excellent extreme pressure properties and widely use in canning industry as seamer oil. NSF H1 certified.
- **Nevastane XSH:** PAO synthetic oil for gears and bearings, adapted to high loads and wide temperature range. Extension of oil drain intervals. NSF H1 certified.
- **Nevastane SY:** PAG synthetic oil for gears, reduce operating temperatures due to low friction coefficient. Resistant to severe temperature conditions and high loads. NSF H1 certified.



- **Nevastane AW:** White mineral oil for hydraulic systems. Excellent anti-wear and corrosion protection. NSF H1 certified.
- **Nevastane SH:** PAO synthetic oil, excellent hydraulic systems protection especially at low temperature conditions. High viscosity index. NSF H1 certified.
- **Equivis ZS:** Mineral oil for hydraulic systems operating outdoors. Extension of oil drain intervals due to a very good thermal stability and resistance to oxidation.
- **Azolla ZS:** Mineral oil for hydraulic systems adapted to a wide range of applications. Reinforced protection of the equipment thanks to anti-wear and anti-corrosion properties.

## Special greases



- **Multis EP2:** Multipurpose grease, with excellent extreme pressure properties. Enable to rationalize stocks and simplify maintenance operations.
- **Nevastane XMF:** Multipurpose extreme pressure grease, suitable for high to medium speed bearings in food processing industry. Provides excellent corrosion protection and water resistance. NSF H1 certified.
- **Nevastane HD2T:** Multipurpose tacky grease with excellent adhesiveness particularly on metallic surfaces. Excellent washout resistance, contains PTFE additives. Developed especially for food processing. NSF H1 certified.
- **Nevastane XS 220-320:** Multipurpose grease, extreme pressure and very high performances synthetic grease for application in food processing industry over a wide range of temperatures. Excellent water resistance, long service life. NSF H1 certified.



- **Altis EM2:** Polyurea grease, high performance suited for high speed bearings and high temperature applications such as electric motors.
- **Nevastane XS 80:** Synthetic grease, extreme pressure very high performances synthetic grease for high speed and very low temperatures applications in food processing industry such as electric motors and fans. NSF H1 certified.
- **Nevastane XM 100:** Multipurpose grease for lubrication under severe conditions and high speed applications. NSF H1 certified.

## Specific products



- **Lunaria SH:** Refrigerating compressor synthetic oil that has been designed specifically for food industry, using NH3/ammonia. Evaporator temperature down to -50°C. NSF H1 certified.
- **Lunaria NH:** Refrigerating compressor mineral oil, using NH3/ammonia. Evaporator temperature down to -30°C.

- **PV SH 100:** Semi-synthetic oil for vacuum pumps, suitable for incidental food contact. NSF H1 certified.
- **Nevastane Spray range:** oils, greases, silicone. NSF H1 certified.





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



**Innovation & Research**

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

**Quality and environment**

TotalEnergies Lubrificants 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**



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



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