



WOOD PELLET MILLS
ANIMAL FEED MILLS



LUBRICATION EXPERTS

Our Lubrication Experts team have one goal : efficient customer service, on-site, by professionals.

Our team have extensive training on the latest technologies, as well as many years of experience backed by chemists and engineers. We are proud to offer free on-site support to our customers when and where you need them - we are 100% committed to customer satisfaction.

**IMPROVE OUR
CUSTOMERS
EFFICIENCY**

GREASES

**HIGH TEMPERATURE
GREASE DESIGNED
FOR MILLS**



HT2

The HT2 grease provides an exceptional thermal stability that surpasses other conventional greases making it an ideal lubricant ideal for use in high loads and high temperature applications. Offers also a rust protection and water washout resistance.

- High viscosity grease
- Reduces maintenance costs
- Contributes to reduce energy consumption
- Superior mechanical stability

SIZE / # PRODUCT

TUBE	17KG	55KG	180KG
HT2T	HT217	HT255	HT2180

**MULTIPURPOSE SYNTHETIC
GREASE (GC/LB)**



SYN100%

Highly versatile, the SYN 100% is ideal for the lubrication of different kinds of bearing operation at variable rotational speed going up to 10 000 RPM, as well as for mobile or stationary equipments, manually lubricated or equipped with an automated greasing system requiring an excellent pumpability in cold weather.

- PAO based 100% synthetic grease
- All seasons (replaces grades 2-1-0)
- Exceptional weight resistance (620 kg)
- Rust and corrosion protection
- Automatic greasing system
- Up to 10,000 RPM
- For mobile or stationary equipment



SIZE / # PRODUCT

TUBE	17KG	55KG	180KG
SYN100T	SYN10017	SYN10055	SYN100180



EXPANDER GREASE

**MADE FOR EXPANDER TYPE
EQUIPMENT (ANDRITZ)**

- Specially designed for this type of equipment
- Keeps bearings in excellent condition

SIZE / # PRODUCT

17KG	55KG	180KG
EXP0017	EXP0055	EXP00180

SUCCESSFUL CASE HT2



Compagny : Groupe Savoie
St-Quentin New Brunswick

Activity: Wood pellet mills

Sinto's Product : HT2 - Specialized grease
for pellet mills



GOALS : Build a partnership and convert customers to Sinto products

SITUATION

GROUPE SAVOIE is a leading producer of top-quality hardwood products. They operate a wood pellet mill with 3 Andritz pelletizers 400hp Im26-2, 24 hours a day, 7 days a week.

Before meeting with Sinto's Lubrication Experts, people at Groupe Savoie were using lubricants like JT-6 Mystic and Delo HD EP1 greases. They were happy with the products and had no problem.

ACTIONS OF THE EXPERT

OUR EXPERTS HAVE:

- Evaluated their current lubrication process
- Analyzed and presented estimated savings using HT2 grease
- Made testing on their equipment and determined real savings
- Built a long-lasting partnership based on trust and great savings

RESULTS

By using Sinto's HT2 grease, Results were immediate and positive:

↓ **38 % less grease consumption** ↑ **50 % bearing life increase**

+ Saving more than 46 % on grease and bearings annual costs

+ Bearings are easier to disassembly for maintenance



SUCCESSFUL CASE HT2



Compagny : Granulco
Sacré coeur de Saguenay

Activity: Wood pellet mills

Sinto's Product : HT2 - Specialized grease for pellet mills



GOALS : Build a partnership and convert customers to Sinto products

SITUATION

Located in Sacré-Cœur, on the Upper North Shore of the Province of Québec, in the Boisaco Group industrial complex, the Granulco plant produces ecofriendly wood pellets for domestic and commercial stoves or furnaces, and high quality granular horse litter.

The company operates two pellet mills (200HP and 400HP) 12 hours a day. Before moving to the SINTO's grease, the company used the MYSTIK JT6.

EXPERT'S ACTION

Our experts analyzed their current lubrication process and tested it using HT2 grease:

Andritz 200HP Manual lubrication from the front, 15 min shutdown	MYSTIK Grease	HT2 SINTO Grease
Lubrication cycle	Every 2 hours	Every 4 hours
Quantity of grease used per day	1.5 kg of grease per day	480 g per day
Bliss 400HP (Automatic lubrication)	MYSTIK Grease	HT2 SINTO Grease
Quantity of grease used	180 kg / week	72 kg / week
Drum change frequency	Every week	3 weeks

RESULTS

Here are the results after switching to SINTO HT2 grease:

- ANDRITZ 200HP :**
- **Production gain of 1.2 tonnes per day**
(45 minutes less shutdown at 1.5 tons of production per hour)
 - **Saves 6 kg of grease per week**
- BLISS 400HP :**
- **108 kg less grease in the environment every week**
 - **Saves 108 kg per week**

More performance, more profitable and good for the environment!



SUCCESSFUL CASE HT2



Compagny : ISOPORC Meunerie St-Hugues
Activity: ANIMAL FEED MILLS
SINTO's product : HT2 - Specialized grease for pellet mills



GOALS: Optimizing lubrication of equipment

SITUATION

The St-Hugues mill produces swine and duck feed mostly for its shareholders of which Isoporc is a member. The company is closely linked to Isoporc which raises 500 000 pigs annually with the help of many livestock farmers. The plant produces approximately 4000 tons of animal feed each day and operates 24/7.

EXPERT'S ACTION

Our experts analyzed their current equipment lubrication process, which uses 185 mm bearings with an operating temperature of 80°C.

Bearing 185 mm	AEROCHEM CS-10 0 grease	HT2 SINTO grease
Lubricant / coil	250 g / 4 hours	150 g / 4 hours
Amperage	90 amp	80 amp

RESULTS

Optimizing machinery lubrication generated massive savings:

- **Uses 40% less grease**



OURS CUSTOMERS

WOOD PELLET MILL



LACRETE SAWMILLS



IRVING



SHAW, NOUVEAU-BRUNSWICK



GROUPE SAVOIE



GRANULCO



GROUPE MATRA



HY GREEN INDUSTRIES, ONTARIO



GESTION FORESTIÈRE ABITIBI

and many others...

ANIMAL FEED MILL



WALLENSTEIN FEED & SUPPLY



TROUW NUTRITION



HENSALL DISTRICT CO-OPERATIVE



MEUNERIE CHARLEVOIX



MEUNERIE ST-PATRICE



ISOPORC MEUNERIE SAINT-HUGUES



JONES FEED MILLS



ALIMENTS PORVICO



ALIMENTS BRETON



COOP FÉDÉRÉE ST-NARCISSE



COOP FÉDÉRÉE ST-BERNARD



NEW-LIFE MILLS

and many others...

HEAVY-DUTY SYNTHETIC GEAR OIL

SYNTO 80W90

Specifically formulated for heavy mobile and industrial equipments, its superior thermal durability protects gears from wear and fatigue at high temperature when equipment is used under severe operating conditions. Provides long-lasting wear protection, reduce downtime and maintenance costs.

- High durability
- Prevents seals from leaking
- Controls foaming
- Excellent rust and corrosion protection
- With Hydroproteck

SIZE / # PRODUCT

1L	18.9L	205L
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ST80901 ST809018.9 ST8090205



**FULL SYNTHETIC
GL-5 GEAR OIL**

**GEARBOX XT
75W90**

GEARBOX XT 75W90 full synthetic oil is an extremely versatile gear oil meeting the widest operating temperature ranges for automotive, light, medium and heavy-duty trucks, farm, logging, mining, construction equipment and other applications where a 75W90 API GL-5 gear oil is recommended.

- Excellent cold temperature performance
- Protects against rust and oxidation
- Outstanding durability

SIZE / # PRODUCT

1L	18.9L	55L	205L
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GB75901 GB759018.9 GB7590205 GB7590205

**FULL SYNTHETIC
GL-5 GEAR OIL**

**GEARBOX XT
75W140**

GEARBOX XT 75W140 full synthetic oil is an extremely versatile gear oil meeting the widest operating temperature ranges for automotive, light, medium and heavy-duty trucks, farm, logging, mining, construction equipment and other applications where a 75W140 API GL-5 gear oil is recommended.

- Outstanding durability
- Extends oil change intervals
- Prevents oil blackening
- Protects against rust and oxidation
- Wide operating temperature range
- Heat resistant in heavy duty

SIZE / # PRODUCT

1L	18.9L	55L	205L
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GB751401 GB7514018.9 GB75140205 GB75140205

**SYNTHETIC OIL FOR
HYDRAULIC SYSTEM**



MULTIGRADE SH

The MULTIGRADE SH synthetic oil for hydraulic system is specially designed for mobile or stationary equipment operating under severe conditions over a wide temperature range. This synthetic oil has excellent thermal stability and superior shear strength.

- Excellent cold temperatures flow performances
- With SINTO's antifriction technology
- Superior protection against oxidation, rust and corrosion
- Excellent water separation
- Excellent antifoam properties



SIZE / # PRODUCT

18.9L	205L	1000L
MGS18.9	MGS205	MGS1000

**SYNTHETIC OIL FOR
HYDRAULIC SYSTEM**



TRANSHYDRAUL

The TRANSHYDRAUL is specially designed for the hydraulic systems of agricultural equipment and heavy machinery, requiring the use of the same oil for lubricating transmissions, final-drives, power takeoffs with wet clutches, and cooling oil bath disk brakes. This synthetic oil resists to wide temperature differences and keeps its properties for use in all seasons.

- Prevents wear and protects pumps when there are leaks
- Lowers the temperature in the system by more than 10°C and prevents overheating
- Makes it easier to operate in cold weather



SIZE / # PRODUCT

18.9L	205L	1000L
TH18.9	TH205	TH1000

**BIODEGRADABLE SYNTHETIC
HYDRAULIC OIL**



MULTIGRADE BIO

Its unique formula entirely composed of saturated synthetic Esters combined with SINTO ANTIFRICTION technology surpasses the most demanding environmental norms while guaranteeing maximum all season performance and longer lifespan.

- Reduces pumps wear by 35%
- Prevents wear and protects pumps when there are leaks
- Lowers the temperature in the system by more than 10°C and prevents overheating
- Makes it easier to operate in cold weather



SIZE / # PRODUCT

18.9L	205L	1000L
MGBIO20	MGBIO205	MGBIO1000

**MULTIPURPOSE
PENETRANT
LUBRICANT**



MAXEP

All-purpose lubricant and penetrant. Sinto's Star product from its high performance in multiple applications. Frost resistance up to -70°C. Dielectric strength 15,000 volts.

- Transparent
- Does not attract dust
- Loosens rusted parts
- Displaces moisture
- Does not stain

SIZE / # PRODUCT

140g / MA140	340g / MA340	500ml / MA500	20L / MA20
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GEARED FOR PERFORMANCE