



JBT Certified Lubricants

# Food-grade Formula 420

Antiwear extreme low-temperature H1 food-grade lubricant



You chose Frigoscandia equipment from JBT for your process line because of their proven performance – in extended production, under heavy loads, and at extreme temperatures.

## Your single source

Choose our food-grade Formula equipment lubricants for the same reasons. Protect your food processing investment at the same time you simplify your supply of a complete range of equipment customized and safety-certified lubricants.

## What's unique with Formula 420 lubricant?

- Oil developed and tested to have the best performance for our Frigoscandia gear boxes freezers (OEM)
- Perfect "cocktail" of pourpoint, viscosity and anti-foaming

# Food-grade Formula 420

## Description

Formula 420 is a lubricating oil based on synthetic hydrocarbons specially developed for JBT Frigoscandia and answers the stringent food safety- and hygiene requirements and temperature extremes of the food processing industry. Tested and proven in extremely low temperatures with maintained performance stability and to protect components against corrosion, rust and oxidation. The Formula 420 lubricant supports safe, smooth operation and maximized operating uptime. When choosing the JBT Food-grade Formula 420, this can be included in a PRoCARE service agreement.

## Formula 420 Features

- Extremely Low Temperature Performance
- Antifoaming
- Anti-Wear Protection
- Rust Inhibiting
- Oxidation Protection
- Effective Lubricity throughout the Full Operational Temperature Spectrum
- Meets Food-grade H1 Requirements for Incidental Food Contact
- Long life oil preventing extended drains

## Benefits for your application

- Improved lifetime of gear box.
- Lower maintenance costs.
- Eases cold start.
- Synthetic gear oil.
- Improved uptime.

Don't jeopardize your production by using non-recommended lubricants because, in the end, they can cost you more! Experience shows that they can lead to expensive equipment failure and lost production time.

The European Union now applies ISO standards

that require food processors to use lubricants that are completely harmless to the food product's consumer, if cross-contamination occurs. JBT can give you that certification today. All our lubricants are USDA H1-authorized, and come with an NSF registration number.

Please contact your JBT representative for detailed specifications and price information for each product, and to learn about lubricants for our other applications.

As always, we stand behind what we sell. One call gets it all.

## Technical Data

NSF registered no 138529	Food-grade H1 for incidental food contact
Pour point	- 50°C
Flash point	> 180°C
Colour	Light yellow
Viscosity at -40°C, cSt	17500
Viscosity at -18°C, cSt	1000
Viscosity at 40°C, cSt	32
Viscosity at 100°C, cSt	5.8
Containers	5 litre Plastic Container, 20 litre Plastic Container, 200 litre Steel Drum,



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