



JBT Certified Lubricants

# Food-grade Formula 410 XLT

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 410 XLT lubricant?

- Oil developed and tested to fit our Frigoscandia FRIGoDRIVE® och FRIGoDRIVE M freezers (OEM)
- Perform extremely good in low-temperature (pour point -65°)
- Perfect "cocktail" of pourpoint, viscosity and tackifier
- JBT Extended Warranty for chain and rail, offered through PRoCARE service agreement
- One of the few oils of this character on the market containing microbial agents which limits bacteria growth

# Food-grade Formula 410 XLT

## Description

Formula 410 XLT is a lubricating oil based on synthetic hydrocarbons specially developed for JBT's Frigoscandia FRIGoDRIVE och FRIGoDRIVE M System and answers the stringent food safety- and hygiene requirements and temperature extremes of the food processing industry. Tested and proven in extremely low and high temperatures with maintained performance stability and to protect components against corrosion, rust and oxidation. The Formula 410 XLT lubricant support safe, smooth operation and maximized operating uptime. The lubricating oil is sprayed on the roller chain which gives a better film on roller chain and better lubricity. When choosing the JBT Food-grade Formula 410 XLT we can offer an Extended Warranty for chain and rail through PROcARE® service agreement.

## Formula 410 XLT Features

- Extremely Low Temperature Performance
- Anti-Wear Protection
- Anti-microbial Technology for maximum hygiene protection
- Rust Inhibiting
- Oxidation Protection
- Effective Lubricity throughout the Full Operational Temperature Spectrum
- Tackifier to prevent excessive dripping
- Spray to get better distribution of oil film
- Meets Food-grade H1 Requirements for Incidental Food Contact

## Benefits for your application

- Improved lifetime of parts.
- Lower maintenance costs.
- 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 147841 | Food-grade H1 for incidental food contact                                                                           |
| Pour point               | - 65°C                                                                                                              |
| Flash point              | > 190°C                                                                                                             |
| Fire point               | 212°C                                                                                                               |
| Colour                   | Clear (UV exposure can cause pink hue)                                                                              |
| Viscosity at -40°C, cSt  | 1989                                                                                                                |
| Viscosity at -18°C, cSt  | 233                                                                                                                 |
| Viscosity at 40°C, cSt   | 13.0                                                                                                                |
| Viscosity at 100°C, cSt  | 3.25                                                                                                                |
| Containers               | 5 litre Plastic Container,<br>20 litre Plastic Round Pail,<br>200 litre Steel Drum,<br>1000 litre Hard Plastic Tote |



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