



JBT Certified Lubricants

# Food-grade Formula 410 R

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 R lubricant?

- Oil developed and tested to fit our Frigoscandia FRIGoDRIVE® freezers (OEM)
- Perfect "cocktail" of pourpoint, viscosity and tackifier
- JBT Extended Warranty for chain and rail, offered through PProCARE service agreement

# Food-grade Formula 410 R

## Description

Formula 410 R is a lubricating oil based on synthetic hydrocarbons specially developed for JBT's Frigoscandia FRIGoDRIVE 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 R lubricant support safe, smooth operation and maximized operating uptime. When choosing the JBT Food-grade Formula 410 R we can offer an Extended Warranty for chain and rail through PRCARE service agreement.

## Formula 410 R Features

- Extremely Low Temperature Performance
- Anti-Wear Protection
- Rust Inhibiting
- Oxidation Protection
- Effective Lubricity throughout the Full Operational Temperature Spectrum
- Tackifier to prevent excessive dripping
- 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 136357	Food-grade H1 for incidental food contact
Pour point	- 50°C
Flash point	> 230°C
Fire point	270°C
Colour	Clear (UV exposure can cause pink hue)
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	20 litre Plastic Container, 1000 litre Hard Plastic Tote



www.jbtfoodtech.com



### Sweden

John Bean Technologies AB  
Rusthällsgatan 21, Box 913  
SE-251 09 Helsingborg  
SWEDEN  
Phone: +46 42 490 4000  
Fax: +46 42 490 4040

### UK

John Bean Technologies Ltd  
East Mains Industrial Estate,  
Broxburn, West Lothian EH52 5NP,  
Scotland, UK  
Phone: +44 1506 857112  
Fax: +44 1506 852232

### Russia

John Bean Technologies LLC  
ul. Petrovka 27, Entrance 2  
RU-10731 Moscow  
RUSSIA  
Phone: +7 495 221 8713  
Fax: +7 495 221 8714

### France

John Bean Technologies SA  
Taverparc – Bâtiment 2.1  
62 Boulevard Henri Navier  
95150 Taverny, FRANCE  
Phone: +33 (0) 184 28 0200

### Spain

John Bean Technologies S.L  
A2, Kilómetro 34,400  
28805 Alcalá de Henares, Madrid  
SPAIN  
Phone: +34 913 046 698  
Fax: +34 913 272 266

### Poland

John Bean Technologies Sp. z o.o  
Al. Komisji Edukacji Narodowej  
53 m.4  
PL-02 797 Warszawa, POLAND  
Phone: +48 22 894 9025  
Fax: +48 22 894 9041

### Germany

John Bean Technologies GmbH  
Siemensstrasse 6  
40885 Ratingen  
GERMANY  
Phone: +49 2102 9341 0  
Fax: +49 2102 9341 31

### Italy

John Bean Technologies SpA  
Via Mantova 63/A  
43122 Parma  
ITALY  
Phone: +39 052 1908411  
Fax: +39 052 1908579