



## Product information

# Food Machinery H1 Lubricant



**Bardahl Food Machinery Lubricant** is a highly refined colorless, clear, oily, odorless, non-fluorescent liquid. They comply with the purity standards of the European and the United States pharmacopoeia, and the U.S. Food and Drug Administration (F.D.A.), latest issue each, as indicated in the specifications. Constant high quality as well as high color and oxidation stability characterizes Bardahl Food Machinery Oils.

**Bardahl** manufactures **Food Machinery Oils** mainly from naphthenic base oils, which have proved very useful especially in the cosmetics industry. The oils are clear and non-staining making them excellent textile fiber lubricants and general purpose textile industry oils where contact between cloth and oil can not be avoided.

### The problem

Meat packing and cutting machinery, bakery ovens and equipment, fruit, vegetable and meat canning equipment, candy manufacturing equipment, and other food processing machinery, require lubricants which will both reduce friction and wear and not contaminate food products the lubricant may come in contact with.

In textile and yarn mills non-staining, high quality lubricants for fiber manufacturing processes are required.

### The action

**Bardahl Food Machinery Lubricant** is a highly refined, saturated white oil which meet the F.D.A. standards. These oils are excellent lubricants because of their naturally high viscosity index and superior oxidation stability. In addition, they have high flash and smoke points allowing them to be used in bakeries and other applications where high temperatures may be encountered.

**Bardahl Food Machinery Lubricant** is a clear oil and non-staining, which makes them excellent for textile fiber lubricants and general-purpose textile industry oils where contact between cloth and oil can not be avoided.

### Applications

The different levels of viscosity have been carefully planned to permit a wide range of uses. **Bardahl Food Machinery Lubricant** is of particular value in the following applications:

### Pharmaceuticals and Cosmetics



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Base materials for ointments, skin creams, hair preparations, suntan lotions and emollients, ingredients for baby and bath oils, lotions, lipsticks, massage oils, laxatives, etc.

## **Food**

Divider oils and bakery pan oils, coatings for eggs, fresh fruit and vegetables, impregnating oils for fruit and vegetable wrappings, plasticizers in polystyrene and other plastic packaging materials (please note national legislation's).

## **Chemicals**

Manufacture of plasticizers and internal lubricants, mold release agents and extrusion aids in plastic production, manufacture of carrier oils for pesticides and insecticides.

## **Lubricants**

Lubricants for medical instruments and apparatuses, filling and packaging machines in the food industry, and cylinders of compressors in the beverages industry. **Bardahl Food Machinery Lubricant** is also recommended as rayon oils and defoaming and glossing agents.

## **Industries**

It also finds applications mainly in the following industries:

- Drugs and pharmaceuticals
- Cosmetics
- Food processing and handling
- Rubber, plastics, paper, ropes, bakery, textiles
- Agriculture, precision machinery

**Bardahl Food Machinery Lubricant** should be protected from light and stored separate from other petroleum products, preferably indoors.

## ***BARDAHL SALES PROGRAM***

Apart from the **Bardahl Food Machinery Lubricant** described here, our Food Sales Program includes also Food Machinery Greases, Silicone Greases Vaseline and various Cleaners.

## **Analytical-data**

Appearance	transparent
Colour	none
Viscosity at 40° C	14.5 – 26 cSt
Viscosity at 100° C	3,0 - 5,5 cSt
Viscosity at 50° C	1,8 - 2,4 ° E
Density at 15°C	0,83 - 0,87
Aniline point	95°C
Acidity index	neutral
Pour point	-10°C
Flash point (Open cup)	>180°C

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# Product information

USDA FDA

H1 21CFR 178.3570

**Article number** 72604  
**Contents** 400 ml

**Article number** 72655  
**Contents** 5 litre

**Article number** 72682  
**Contents** 25 litre

**Article number** 72686  
**Contents** 60 litre



# Product information

NSF International

RECOGNIZES

- OCD NEDERLAND BV  
THE NETHERLANDS

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