

WORLD FAMOUS  
**BARDAHL**  
® SERVICE PRODUCT

# FOOD INDUSTRY LUBRICANTS



**Professionals since 1939**



Bardahl has an extended program lubricants and maintenance products for use in the food industry. All these products are NSF or InS certified.



## NSF

The NSF (National Sanitation Foundation) is an American institute that establishes standards and carries out certification tests for products of different fields (such as the health, environment and the CFA security).

Controleer de certificaten voor ieder product, op de officiële websites: [www.nsf.org](http://www.nsf.org)

## GREASES

### FOOD GREASE + PTFE

Lubricating grease for parts that may get in contact with food products or their packaging.

**NSF Reg.nr. 163427 Category Code: H1**

Properties:

- Anti wear and anti rust protection.
- Excellent resistance against pressure and leaching.
- Suitable for temperatures from -20°C to +150°C.

**FOOD GREASE 2:** for bearings, main bearings, articulations.

[Ref 31632](#) [400ml aerosol](#)

[Ref 74600](#) [400gr. 5. 18. 50. 185kg](#)

**FOOD GREASE 000:** for central lubrication of gears

[Ref 31670](#) [1. 10kg](#)



### SILICONE GREASE / Graisse Silicone

Silicone based multifunction grease for high temperature use and electrical protection.

**NSF Reg.nr. 127772 Category Code: H1**

Properties:

- Excellent insulator.
- Water resistance
- Very large temperature range: from -50°C to +200°C
- Guaranties a long lasting lubrication.
- Keeps gaskets flexible (except for silicone gaskets).

[Ref 73900](#) [100gr. 500gr. 5. 50kg](#)



### 3H FOOD WHITE GREASE

Designed for lubricating machine parts which get in direct contact with food.

**NSF Reg.nr. 160636 Category Code: 3H**

Properties:

- Very high adhesion
- High temperature range: -15°C to + 180°C
- High stability against shock
- Excellent resistance against vapor and water
- Does not leave any markings (this grease is colorless)

[Ref 31990](#) [400gr. 5. 50kg](#)



### SYNTHETIC FOOD GREASE / Graisse CFA Synthetic

Colourless, clean, very low temperature grease.

**NSF Reg.nr. 136604 Category Code: H1**

Properties:

- Reinforced adhesive.
- Can be used at temperatures from - 50°C to +150°C
- Does not stain.
- Resistant to water.

[Ref 31400](#) [400gr. 20kg](#)



### PHT CFA MONTAGEPASTA FOOD GRADE

A high temperature assembly paste/ lubricant.

**NSF Reg.nr. 142425 Category Code: H1**

Properties:

- Resists temperatures up to 1200°C..
- Reduces friction.
- Excellent EP and anti-wear properties
- Compatible with all elastomers.

[Ref 31800](#) [400gr. 500gr. 25kg](#)



## SPECIAL LUBRICANTS

### FOOD ASSEMBLY LINE CHAIN OIL

Synthetic base product for lubrication by penetration into delicate chains and mechanisms.

**NSF Reg.nr. 136605 Category Code: H1**

Properties:

- Foaming formula for better penetration.
- Very good adherence and resistance to leaching.
- Very good anti wear properties and reinforced extreme pressure.
- Suitable for temperatures to +150°C.



### FOOD MACHINERY LUBRICANT

Lubricant for delicate mechanisms of machines and machine parts.

**NSF Reg.nr. 140807 Category Code: H1, H2**

Properties:

- This lubricant is odourless and tasteless.
- Penetrates into the heart of mechanisms.
- Protects against rust and wear.

[Ref 72604](#) [400ml aerosol](#)

### TF DRY

A concentrated synthetic lubricant scientifically compounded for dry lubrication and extreme pressure, based on Teflon. Applications: all surfaces which have to be lubricated with very small clearances which need a clean and effective lubrication. For chains (with and without O-rings), hinges, locks etc.



Properties:

- A non-oily clean dry lubricant.
- Dries very fast and leaves no oil film or wax.
- Will not collect dirt or dust.
- Resists corrosion by acids or alkalis.
- Will not be affected by water, oil or solvents.
- Prevents materials sticking in molds, bins, tanks, etc.
- Will not melt or freeze.

[Ref 72904](#) [400ml aerosol](#)



### SUPER TEF FOOD LUB

A dry lubricant formulated from 100% synthetic base oils and PTFE emulsion food grade.

**NSF Reg.nr. 142907 Category Code: H1**

Properties:

- Forms an extremely thin, colourless and dry film.
- Has an excellent resistance to temperatures from -40°C to +230°C.
- Offers powerful extreme pressure and antiwear properties
- Makes sliding easier.
- Does not retain dust.
- Offers a strengthened oxidation and corrosion.
- Ensures a long-lasting lubrication

[Ref 32071](#) [400ml aerosol](#)





## 100% SILICONE LUBRICANT

Very effective lubricant for mechanical parts of plastics, rubber, neoprene etc

**NSF Reg.nr. 155101 Category Code: H1**

Properties:

- Suitable for temperatures from -40°C to +280°C.
- Repels water and forms an anti rust film.
- Prevents electrostatic charges on packaging lines.
- Ensures a long working, dry and clear lubricating film

[Ref 76300](#) [400ml aerosol, 5, 25 liter](#)



## FOOD GRADE PENETRATING OIL /

### Dégripant Lubrifiant Alimentaire

With this product you can be assured that your food products will not be polluted.

**NSF Reg.nr. 127771 Category Code: H1**

Properties:

- Penetrates into the heart of mechanisms and reduces friction.
- Eliminates rust, cleans the residue of old grease.
- Repels water and humidity.
- Forms an anti rust film.
- Eliminates creaking.

[Ref 31124](#) [400ml aerosol](#)



## OILS

### SYNTHETIC FOOD MACHINERY OIL ISO68 / Multi CFA 68

A 100% synthetic oil for many applications in the food industry. Applications: hydraulic systems, reduction gears, pneumatic systems and tools, rotary screw compressor, chains.

**NSF Reg.nr 128721 Category Code: H1**

**Features**

Synthetic Food Machinery Oil	ISO 68
Viscosity at 40°C	65cSt
Viscosity at 100°C	9.6cSt
4 ball (1h/40kg)	< 0.1mm
Flash point	+264°C
Pour point	-53°C
Oxidation	> 6000h

Properties:

- Excellent anti wear properties.
- Resistant against extreme pressures.
- Temperature range from -45°C to +120°C.
- Long lasting.

[Ref 32700](#) [5, 60, 15 liter](#)

### GEAR OIL (Reductalim) 150, 220, 320, 460, 680

A synthetic base oil for reduction gears and gears.

**ISO 150: NSF Reg.nr 140996, ISO 220: NSF Reg.nr 136602 en ISO**

**100: NSF Reg.nr 140886. Category Code: H1**

**Features**

Gear Oil	150	220	460
Viscosity at 40°C	167 cSt	220 cSt	443 cSt
Viscosity at 100°C	16,9 cSt	21 cSt	33,2 cSt
VI	108	110	110
Flash point	> 200°C	> 200°C	>200°C
Pour point	-15°C	-15°C	-15°C
FZG test	12	12	>12

Properties:

- Very good water separation properties.
- Very high viscosity index that guaranties a stable viscosity at high temperatures.
- Developed for less frequent oil changes.
- Reinforced anti rust and anti wear protection.
- Does not damage gaskets.n

[Ref 32570](#) [5, 25, 60 liter \(ISO 150\)](#)

[Ref 32610](#) [5, 25, 60 liter \(ISO 220\)](#)

[Ref 32690](#) [5, 25, 60 liter \(ISO 320\)](#)

[Ref 32560](#) [5, 25, 60 liter \(ISO 460\)](#)

[Ref 32580](#) [5, 25, 60 liter \(ISO 680\)](#)

### BARDAHLINE 15, 32, 68

Very thin mineral oil, which is suitable for pneumatic circuits and fine mechanisms.

**15: NSF Reg.nr. 140283, Category Code: 3H/H1, 32: NSF Reg.nr.**

**140981, Category Code: 3H/H1**

Karakteristieken	15	32	68
Density D 1298	0,855	0,85	0,86
Viscosity at 40°C	15 mm 2 /s	31 mm 2 /s	68 mm 2/s
Flash point VO	>165°C	200°C	240°C

Pour point NFT 60-105 -6°C -6°C -12°C

Properties:

- Odorless, colourless, tasteless
- Chemically inert and Biodegradable
- Completely safe for humans and animals
- Hydrophobic

[Ref 31580](#) [5 liter](#)

[Ref 31660](#) [5 liter](#)

[Ref 31659](#) [5 liter](#)

### HYDRAULIC OIL (Hydralim) 46, 68

A synthetic base oil for hydraulic systems and cylinders in the food industry.

**ISO 46: NSF Reg.nr. 136603, ISO 68: NSF Reg.nr. 140997 Category Code: H1**

**Features**

Hydraulic Oil	ISO 46	ISO 68
Viscosity at 40°C	45 Cst	68 Cst
Viscosity at 100°C	73 Cst	9.8 Cst
Pour point	-25°C	-25°C
Flash point	>240°C	>240°C

Properties:

- Good resistance at high temperatures.
- Can be used in cold chambers thanks to a low flow point.
- Very good water separation.
- Excellent anti wear and anti rust protection.

[Ref 32670](#) [5, 25, 60 liter \(ISO 46\)](#)

[Ref 32680](#) [5, 25, 60 liter \(ISO 68\)](#)

### BARATHON CFA 46, 68, 100

A 100% synthetic compressor oil suitable for many compressor applications used in the food industry. These oils are certified under the numbers:

**ISO 46: NSF Reg.nr 139441, ISO 68: NSF Reg.nr 139442 en ISO 100:**

**NSF Reg.nr 139443**

**Features**

Compressor Oil	ISO 46	ISO 68	ISO 100
Density D1298	0.830	0.833	0.835
Viscosity at 40°C	46 cSt	68 cSt	100 cSt
Viscosity at 100°C	8.5	11,5	14.5
Viscosity index D2270	>130	>130	>130
Pour point	<-30°C	<-30°C	>-30°C
4 ball welding test	0,35	0,35	0,35
FZG DIN 51354	>10	>10	>10

Properties:

- Excellent resistance to oxidation
- Resistant to frequent changes of temperature.
- Prevents the formation of deposits
- Colourless, odorless, tasteless
- Stable viscosity
- Temperature resistant from -30°C to +140°C

[Ref 31980](#) [5, 25 liter \(ISO 46\)](#)

[Ref 31970](#) [5, 25 liter \(ISO 68\)](#)

[Ref 31960](#) [5, 25 liter \(ISO 100\)](#)

## SPECIAL PRODUCTS

### POLYSEALER PS55

A strong one-component sealer with strong adhesive properties, suitable for use in H-1 applications.

**NSF Reg.nr. 163419 Category Code: P1**

Properties:

- Perfect sealing.
- Contains no isocyanates and solvents.
- To be used at temperatures from -40°C to +90°C (occasionally up to 180°C).

- Very good paint compatibility with most industrial paint systems and lacquers, both alkyd resin and dispersion based.
- Paintable after skin forming (wet on wet); this will not influence the curing speed.
- Very good UV-resistance and very good aging properties.

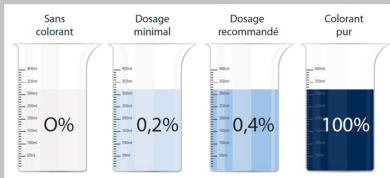
[Ref 77200](#) [290ml](#)



## BLUE DYE TRACER

By means of this additive, it is possible to detect and to locate (small) leakage of transparent oils.

**NSF H1 Reg.nr. Pending**



Properties:

- No smell and taste
- Chemical and biological inertness.
- Total safety for human.
- Resistance to oxidation and rancidity.
- Water resistance

[Ref 32570](#) [500ml](#)



## FOOD CLEANER CONCENTRATED A1

A powerful special cleaner to clean all types of floors, machines, production systems, cold stores, drive systems etc.

**NSF A1 Reg.nr Pending**

Properties:

- Removes dirt and dissolves dirt veil.
- Biodegradable
- Contains no solvents
- Does not affect paintwork, glass or steel
- Not colored and unscented
- Dilute with water before use. The overall ratio is 1:10

[Ref 31400](#) [5. 25 liter](#)

## FOOD DEGREASER B.H.1

Fast drying degreaser to clean mechanical equipment and surfaces in the food industry.

**NSF Reg.nr 141581 Category Code: H1**

Properties:

- Cleans oil and grease stains.
- Removes ink.
- Eliminates traces of glue.

[Ref 31427](#) [400ml aerosol](#)



## FOOD DEGREASER B.K.1

Developed to clean mechanical equipment and working surfaces in the food industry.

**NSF Reg.nr 135866 Category Code: K1**

Properties:

- Cleans greases and oil deposits.
- Removes glue deposits.
- Removes ink.

[Ref 31426](#) [400ml aerosol](#)



Note

Bardahl Food Grade Degreaser BK1 dries faster than the Food Grade Degreaser BH1. If incidental contact with food can not be excluded, we recommend Food Grade Degreaser BH1.

## HEAT TRANSFER FLUID

Heat Transfer Fluid is compatible with most other propylene glycol based refrigerants. Exclusive use is recommended for optimal corrosion protection. Heat Transfer Fluid should only be diluted with clear, colorless and odorless demineralized water that meets the following requirements.

**NSF HT1 Reg.nr. Pending**

Heat Transfer Fluid is compatible with most other propylene glycol based refrigerants. Exclusive use is recommended for optimal corrosion protection. Heat Transfer Fluid should only be diluted with clear, colorless and odorless demineralized water that meets the following requirements

Properties:

Total hardness: max. 2,8 °dH (German hardness levels)  
Chlorides (Cl-): max. 50 mg/l  
Iron and copper concentration: max 0.5 mg/l  
Electrical conductivity: max 10 µS/cm pH bij 20°C: 5 – 7

Mixing table

verdunding vol %	vriespunt °C	verdunding vol %	vriespunt °C
31.6	-15	49.3	-35
37.3	-20	52.2	-40
42.0	-25	54.7	-45
46.0	-30	57.0	-50

[Ref 76700](#) [1. 5. 25. 210 liter](#)

## HANDCLEANER

Bardahl Handcleaner is a hand cleaning paste which contains cleaning agents based on natural raw-materials. Absence of alkalinity, and careful formulation has led to the development of a mild product well tolerated by the skin. Several dispensers are available for an easy and hygienic use of the hand cleaner.

Properties:

- A safe cleaner for both average and strongly polluted hands.
- Cleans rapidly and very good in the pores.
- Contains a cream, which ensures a protection of the skin.
- Has a pleasant fresh fragrance.
- Is alkaline free and works antiseptically.
- Contains no sand and will not care for constipation.

The excellent skin compatibility of this handcleaner has been tested by the Skin-Clinic of the University of Düsseldorf. Bardahl Handcleaner is regis-



## BARRIER CREAM

Bardahl Barrier cream is a long lasting universal hand cream, also called 'the invisible glove'. Prevents direct contact of harmful ingredients with the skin. Also available is a dispenser for hygienic use of the barrier cream.

Properties:

- Protects against moisture, cold, heat but also solvents and many other harmful ingredients.
- Based on natural materials which are non-toxic.
- Environmental safe and biological degradable.

Bardahl Barrier Cream is registered with at the CPNP (Cosmetic Products Notification Portal). Regulation EG nr. 1223/2009, number 1452097.

[Ref 60500](#) [100 ml, 1 liter](#)



## SKIN CARE

Skin Care is a lotion with high-quality care components: natural camomile active ingredient (α-bisabolol), AND-panthenol, keratin, vitamins A and E and natural oils. PH-neutral, fragrant and silicone-free. Bardahl Skin Care contains an optimal system of skin-related and natural oils (almond oil, peanut oil).

Properties:

- Slightly greasy, easy to spread over the skin and absorbs quickly
- Suitable for every skin type
- Special moisturizers prevent the skin from drying out too much

*After work, apply on clean, dry skin and rub well. Skin Care is applicable to the entire body. Regular use is essential for the*



Distributor:

The information mentioned in this brochure is based on the present state of our knowledge. BARDAHL cannot know all the applications in which its products are used. BARDAHL cannot be held responsible for the use of its products. It is for the user to ascertain that the products are used in the way they are intended.

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