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).

**InS**
InS is a European organization responsible for H1 registrations of lubricants and other products. It determines whether a component is suitable for incidental food contact. This standard also defines appropriate doses.

Check the certificates on the official websites: www.nsf.org and www.insservices.eu

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### GREASES

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

**NSF Reg.nr. 130668** Category Code: H1
**InS Reg.nr. 1796975** 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

**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
- Resistant to water

**Ref 31420** 400gr, 20kg

**AUTOMATIC GREASE LUBRICATION SYSTEM**
In the top of the lubrication system is a flexible rubber expansion chamber, filled with electrolytic liquid and an embedded element. An electrochemical reaction ensures the gas will expand against the piston. This makes the greases will glide into the bearing. The system contains no springs or mechanical parts.

**Properties:**
- Continue pressure of maximum 5,5 bar
- Universal applicable and adjustable from 1 to 12 months
- No need for power supply
- Simple to mount or to replace
- Due to the clear scaling the remaining grease is easy to read
Ref 00946 120ml per piece

**SILICONE GREASE/ Graisse Silicone**
Silicone based multifunction grease for high temperature use and electrical protection.

**NSF Reg.nr. 127772** Category Code: H1/InS Reg.nr. 1797760

**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. 1796659** 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

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### SPECIAL LUBRICANTS

**FOOD ASSEMBLY LINE CHAIN OIL/ Chain’Alim H1**
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
- Fomming 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
Ref 31660 500ml aerosol, 5, 60 liter

**FOOD MACHINERY LUBRICANT**
Lubricant for delicate mechanisms of machines and machine parts.

**NSF Reg.nr. 140807** Category Code: H1/ InS Reg.nr. 1797022

**Properties:**
- The 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.

**InS Reg.nr. 1797275**

**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 alkali’s
- 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

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Ref 31990 400gr, 5, 50kg

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**PHT CFA MONTAGEPASTA FOOD GRADE**
A high temperature assembly past/ 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 31860 400gr, 500gr, 25kg
**SUPER TEF FOOD LUB**
A dry lubricant formulated from 100% synthetic base oils and PTFE powder for the food industry.

**NSF Reg.nr. 142 907 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 antwear 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, neopreen etc.

**NSF Reg.nr. 155101 In5 Reg.nr. 1797019 Category Code H1**

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

**FOOD GRADE PENETRATING OIL/ Dégrippant 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

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**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 > 600h

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

Ref 32700
5, 60, 215 liter

**GEAR OIL (Reductalim) 150, 220, 320, 460, 680**
A synthetic base oil for reduction gears.


**Features**
- Gear Oil
  - Viscosity at 40°C 167cSt
  - Viscosity at 100°C 16.9cSt
  - VI 108
  - Flash point > 200°C
  - Pour point -15°C
  - FZG test 12

**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)

**HYDRAULIC OIL (Hydralim) 46, 68**
A synthetic base oil for hydraulic systems and cylinders in the food industry.


**Features**
- Hydraulic Oil
  - Viscosity at 40°C 25 Cst
  - Viscosity at 100°C 73 Cst
  - Pour point -25°C
  - Flash point > 240°C

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

Ref 31580
5, 25, 60 liter
Ref 31660
5, 25, 60 liter

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**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:


**Features**
- Compressor Oil
  - Viscosity at 40°C 68 Cst
  - Viscosity at 100°C 8.5
  - Viscosity index D2270 >130
  - Pour point < -30°C
  - 4 ball welding test 0.35

**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, 60 liter (ISO 46)
Ref 31970
5, 25, 60 liter (ISO 68)
Ref 31960
5, 25, 60 liter (ISO 100)
POLYSEALER PS55
A strong one-component sealer with strong adhesive properties, suitable for use in H-1 applications. (Approved by the ISEGA Institute)
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 77902  290ml

BLUE DYE TRACER
By means of this additive, it is possible to detect and to locate (small) leakage of transparent oils.
InS Reg.nr. 1796502 Category Code: H1
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.
InS Reg.nr 1797166
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/ Dégraissant BK1
Developed to clean mechanical equipment and working surfaces in the food industry.
NSF Reg.nr 138866 Category Code: K1
Properties:
• Cleans greases and oil deposits
• Removes glue deposits
• Removes ink
Ref 31426  500ml 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.

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 registered with at the CPNP (Cosmetic Products Notification Portal). Regulation EG nr. 1223/2009, number 1408106 (Industry nr 60300).
Ref 60300  250ml, 500ml, 1, 2, 3, 4, 5, 10, 30 liter

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, colt, 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

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.