

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).

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

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



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.

InS 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

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 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 grease 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 00046 120ml per piece

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/ *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
 - Very good adherence and resistance to leaching
 - Very good anti wear properties and reinforced extreme pressure
 - Suitable for temperatures to +150°C
- Ref 31600 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:

- 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.

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

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 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, neopren etc.

NSF Reg.nr. 155101/ InS Reg.nr. 1797010 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/ 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



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, 215 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, ISO 320:

NSF Reg.nr 142572 en ISO 460: 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

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

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

Features	15	32
Density D 1298	0,855	0,85
Viscosity at 40°C	15,5 mm ² /s	31,9 mm ² /s
Viscosity at 20°C	35 mm ² /s	87 mm ² /s
Flash point VO	200°C	230°C
Pour point NFT 60-105	-15°C	-7°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

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, 60 liter (ISO 46)

Ref 31970 5, 25, 60 liter (ISO 68)

Ref 31960 5, 25, 60 liter (ISO 100)

SPECIAL PRODUCTS

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

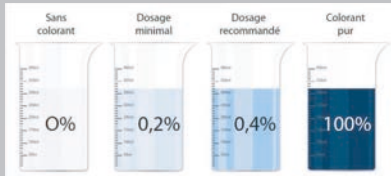
Ref 77902 290ml



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 BH1

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/ Dégraissant BK1

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 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, 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

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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