

Technical data

Product	BRUNOX [®] Lubri-Food [®]	BRUNOX [®] Turbo-Spray [®]	BRUNOX [®] LUB & COR [®]
Certificate	NSF H1, SVGW/SSIGE	NSF H2	NSF H2, only bulk
NSF registration No.	136783/137856	147256 (spray)	147700 (bulk)
SVGW/SSIGE registration No.	0901 - 5489	-	-
Appearance	colourless	clear bluish	olive yellowish
Smell	odourless	characteristic	characteristic
Spec. weight (20 °C)	0.83 g/cm ³ ± 0.02	0.82 g/cm ³ ± 0.02	0.838 g/cm ³ ± 0.02
Dynamic viscosity (20°C)	3.50 mPas	6.50 mPas	85 mPas
Burning point	73 °C	78 °C	51 °C
Heat resistance	short term up to 155 °C long term up to 125 °C	short term up to 160 °C long term up to 125 °C	short term up to 150 °C long term up to 100 °C
Fixed point	-20 °C	-54 °C	-41 °C
Film properties	penetrating	penetrating	penetrating
Thickness of film	1 - 2 µm	1 - 2 µm	5 - 20 µm
Productiveness	approx. 100 m ² /l	approx. 100 - 120 m ² /l	approx. 40 m ² /l; at 5 µm
Lubrication (according to Brugger/DIN 51347)	25.0 N/mm ²	23.0 N/mm ²	55.0 N/mm ²
Consistency	no gumming, no hardening	no gumming, no hardening	no gumming, no hardening
Drying time/ evaporation	solvents, 2 - 4 hours	solvents, 2 - 4 hours	solvents, 2 - 4 hours
Corrosion protection		approx. 1 - 12 months	approx. 5 - 36 months
Packaging sizes	Spray: 100, 400ml Canister: 5 litres	Spray: 100, 300, 400ml	Drip bottle: 100 ml, Canister: 5, 20 litres

The information listed in the product description is given to the best of our knowledge and based on the latest developments in technology. Depending on the product and the application to which we have no control, the values are affected by scattering. Therefore, our guarantee is limited to the quality of the product.

With the NSF H certified products by BRUNOX[®] you can:

- lower costs of operation
- increase maintenance intervals
- speed up repairs
- reduce costs for personnel

The NSF H range is sustainable for:

- users
- machine parks
- and the environment

Information, video, safety data sheets, exhibitions:



www.brunox.com

Sales:

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BRUNOX[®] Lubri-Food[®] – the all-rounder for the food industry

NSF

Multi-functional product: NSF H1

Product description

Lubricant, preservative, penetrating oil and maintenance spray suited for occasional, technically non-avoidable contact with food. Certified according to NSF H1 as well as SVGW/ SSIGE. BRUNOX[®] Lubri-Food[®] was assessed by the Research Centre Weihenstephan for Brewing and Food Quality for foam influence according to Ross & Clark.

Effectiveness

High-tech all-rounder that does not solidify or emulsify. Produced with NSF-H1 registered raw materials, free of vegetable and animal fats. It forms a homogeneous, very efficient lubricating film that displaces moisture and protects sustainably. BRUNOX[®] Lubri-Food[®] has extraordinary penetrative properties that dissolve any residue and make locked mechanical parts accessible again.

Scope of application (-20 °C to 155 °C)

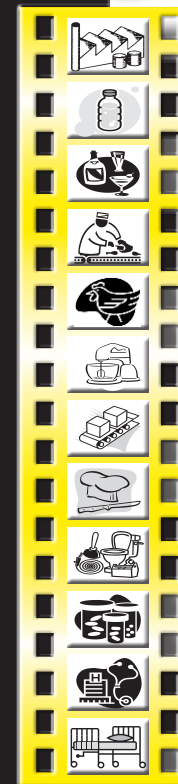
For the maintenance and upkeep of the machinery in the food processing, food and beverage industry, in agriculture, in catering and hospitals, as well as for the machinery industry in these sectors.

– Usable for technically non-avoidable contact with food –

Application

Apply a thin, even layer and let BRUNOX[®] Lubri-Food[®] react. Use only as much material as absolutely necessary to achieve the desired technical result. Remove the excess material with a rag. Despite the NSF H1 registration, BRUNOX[®] Lubri-Food[®] should have as little contact with foods as possible. Can be removed with a surfactant solution.

For further information, please refer to the technical data sheet.



BRUNOX® Turbo-Spray® – the 5-in-1 spray with TURBOLINE

NSF

NEW WITH FOOD INDUSTRY APPROVAL

Multi-functional product: NSF H2

Product description

Lubricant, corrosion protection, penetrating oil, care spray, spray for fittings, brightener and contact spray approved for the food industry. Contact with food must be avoided, NSF H2 certified.

Effectiveness

Thanks to a balanced mixture of hydrocarbons and the additive TURBOLINE, it forms a 1-2 micron thick, transparent, non-hardening corrosion protection and lubrication film which displaces moisture and eliminates leakage. Thanks to its high capillary effect, BRUNOX® TURBO-SPRAY® is a brilliant penetrating oil, that „dissolves stubborn encrustations that no one else will“, stated by a professional at VW. It loosens seized connections, removes any organic / mineral pollution, cleans oxidised contacts, removes glue residue etc. without affecting paint, rubber or plastics. It neutralises hand sweat and protects aluminium, copper, brass, chrome-plated and galvanised metals of all kinds, as well as stainless steel and allows them to shine.

Scope of application (-54 °C to 160 °C)

For the maintenance and upkeep of the machinery in the food processing, food and beverage industry, in agriculture, in catering and hospitals, as well as for the machinery industry of these and other sectors. For the vehicle fleet and infrastructure. Recommends itself as a service spray for repairs and mounting, spray for fittings and as a maintenance spray for aluminium as well as cutting oil for aluminium – **non-abrasive**. The application guarantees a temporary **corrosion protection for up to one year**.

– Direct contact with food must be avoided –

Application

BRUNOX® TURBO-SPRAY® is applied, can be redone as often as necessary to achieve the desired result. We recommend a residence time of at least 15 minutes for dissolving.

Can be removed with a surfactant solution.

For further information, please refer to the technical data sheet.



BRUNOX® LUB & COR® Lubricant & high-tech anti-corrosion

NSF

NEW WITH FOOD INDUSTRY APPROVAL

2-way product for low temps and aggressive climate: NSF H2

Product description

Durable lubricant and strongly adhesive corrosion protection, approved for the food industry. Direct contact with food must be avoided, NSF H2 certified.

Effectiveness

BRUNOX® LUB&COR® forms a uniform non-drying lubricant and corrosion protection film of about 5-20 microns, which also penetrates into difficult corners. Ideal for use in wet, corrosive environments or near the sea. BRUNOX® LUB&COR® is an excellent long-term corrosion protection agent for all metal parts and equipment. BRUNOX® LUB&COR® also has a relatively high viscosity, and therefore does not wash off and guarantees, even at very low temperatures, perfect lubrication, long lubrication intervals and easy chain guiding. Reduces material load for all mechanical moving parts and equipment massively, thus optimising their lifetime.

Scope of application (-41 °C to 150 °C)

For the care and maintenance of the machinery used in the food processing, food and beverage industry, agriculture, for catering and hospitals, as well as for the machinery industry of these and other sectors and their vehicle fleet and infrastructure.

BRUNOX® LUB&COR® is ideal for the lubrication of gears, shafts, bearings, chains, machinery, precision tools, equipment and transport vehicles. The application ensures optimal long-term corrosion protection up to 3 years, perfectly suitable for overseas transportation, summer / winter storage and the safe storage of forms, semi-finished and finished products.

– Direct contact with food must be avoided –

Application

Apply a layer of 20 microns for optimal lubrication and corrosion protection.

Can be removed with a surfactant solution.

For further information, please refer to the technical data sheet.

