

## Technical Data Sheet

# FOOD



## Universal food grade lubricant grease NLGI 2

### Description

FOOD is a non-toxic, harmless lubricant grease developed in order to cover almost completely lubrication needs in foodstuff and pharmaceutical industry. FOOD is light-yellow grease, odourless, tasteless and was specially formulated and developed in order to be completely harmless in case of accidental contact with foodstuff. This product is formulated in accordance with FDA 21 CFR 178.3570, it is certificated NSF H1 and corresponds to HALAL and KOSHER specifications. This product exceeds KTW requirement of DVGW for use on potable water taps and valves. This high-performance product complies with BRC Global Standard for Food Safety.

### Use / Application

FOOD is suitable for rolling and plain bearings lubrication even if operating under heavy working conditions. Its mechanical stability and excellent adhesiveness assure optimal lubrication, its water repellence and anti-corrosive properties provide outstanding protection of lubricated parts. FOOD is ideal for lubrication of machinery and plants used in production of foodstuff, medicines, beverages, cosmetics and feedstuff. FOOD can be used as well in waterworks and in every application where the lubricant could get in touch with products used as ingredients for foodstuff production. FOOD is perfectly compatible with rubber, nylon, Teflon®, Viton, silicone, neoprene and other gasket materials.

### Properties

- certificated NSF H1
- very good mechanical stability
- water resistance
- outstanding adhesiveness
- excellent anti-corrosive properties
- oxidation resistance out of ordinary

### Technical Data

Working Temperature Range		°C	-20 / +140
Short time admissible peak value		°C	+180
Colour			Light yellow
Thickener			Al – complex
Worked penetration	DIN ISO 2137	1/10 mm	265 – 295
Drop point	DIN ISO 2176	°C	> 250
Water resistance	DIN 51807-T1		0 – 90
Corrosion protection	DIN 51802	degree	0/1
Base oil viscosity at 40°C	DIN 51562	mm²/s	160
Base oil	White medical oil (DAB 10)		
Designation	DIN 51502		K 2 N-20

For more than forty years is the company NILS active in the field of lubricants. It is specialized to supply the highest performance lubricants and analysis services to its partners and clients. Our technicians are at your disposal not only to provide further details on a particular product, but also to find a solution to your matter in order to reduce the lubrication cost and to improve the working and production process.

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Changes to technical data reserved. Further information obtainable from MSDS.

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