

POLYFOOD

GREASE FOR FOOD CONTACT



RANGE OF GREASES

NLGI 00 et 1,5
 FOOD CONTACT NSF H1 (n° 127938 grade 00)
 FOOD CONTACT NSF H1 (n° 127937 grade 1,5)
 HIGH LOADS
 SHOCKS RESISTANT
 WATER RESISTANT



Grade
00 and 1,5

-20°C/+100°C



APPLICATIONS

Speed : low to medium
 Load : high

Extreme-pressure level

APPLICATIONS

POLYFOOD is particularly recommended to lubricate any food industries equipment : wrapping, bottling, tinning machines, fish, meat, poultry treatment machines, bakery, filling machines and any other applications where casual contact with food may occur.

Some of these applications are :

- articulations
- warp bearings and heavily charged bearings which speed runs between 500 and 4000 turns/mn
- conveyor bearings
- slides

NLGI grade 00 is particularly adapted to centralized greasing systems.

BENEFITS

- Absence of contamination, cleanliness
- Excellent capacity to support high charges (« EP » properties)
- Strong adhesiveness allowing a better lubrication and reduced consumption
- Longer lubrication periods at any temperature
- Good resistance to water and vapor
- High mechanical stability grease
- Excellent oxidation resistance and rust protection

PERFORMANCES

POLYFOOD is approved NSF H1

APPROVAL POLYFOOD 00 (1)

NSF H1 (n°127938)

APPROVAL POLYFOOD 2 (1)

NSF H1 (n°127937)
HALAL CERTIFICATE (n° FR10210201059)
STAR-K KOSHER (n°SKQDJHBLNQ1)

(1) Approval certificates available on request



CHARACTERISTICS

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA	
NLGI Grade	-	ASTM D 217	00	1,5
Thickener	-	-	Calcium complex	
Base fluid	-	-	Mineral oil	
Texture	-	-	Smooth	
Colour	-	Visual	Light yellow	white
Dropping point	°C	IP 396	> 260	
Kinematic viscosity at 40°C	mm ² /s	ASTM D 7152	100	190
Kinematic viscosity at 100°C	mm ² /s	ASTM D 7152	-	22
Penetration 60 strokes	1/10 mm	ISO 2137	265-295	310-340
4 ball weld load	Kg	ASTM D 2596	> 450	
Water wash out at 79°C	%	ISO 11009	-	< 5
Temperature RANGE	°C	-	-40 / +180	-20 / +100 (max 120)

This typical data is given for information only

HEALTH, SAFETY AND ENVIRONMENT

POLYFOOD meet the cleanliness requirements used in food industry.

POLYFOOD is totally inert and has non toxic influence where incidental food contact can occur. Elimination must be carried out to conform to the rules set for the disposal of used lubricants.

Must be stored away from bad weather.

Should you need further details, our Technical Department remains at your disposal.