

# POLYFOOD

GREASES FOR FOOD INDUSTRY

211020-211021-211022/04.17

Rev. 1

## **DESCRIPTION & APPLICATIONS**

POLYFOOD are extreme-pressure (EP) greases formulated with calcium complex soap and highly refined mineral white oil.

POLYFOOD is particularly recommended to lubricate various types of equipment in the food industries : wrapping, bottling, tinning machines, fish, meat, poultry treatment machines, bakery, filling machines.

Examples of those equipments:

- articulations,
- charged bearings operating at speeds between 500 and 4000 rpm,
- conveyors,
- slideways.

POLYFOOD 00 is especially adapted to centralized greasing systems.

## **ADVANTAGES**

- NON toxic.
- Usable over a wide range of temperatures.
- Mechanical and thermal stabilities up to 150°C.
- Anticorrosion and anti-oxidation properties.
- Antiwear (EP properties).
- Strong adhesiveness.
- Good resistance to water and vapor.
- Less lubricant replenishment necessary at all temperatures.

## **PERFORMANCES**

Satisfies to the following specifications:

NSF H1

USDA H1

# POLYFOOD

## ENVIRONMENT, HEALTH & SAFETY

Please consult also the Safety Data Sheet about how to manipulate and to stock the product as well as to learn about the first aid measurements in case of accident.

Elimination after use must be made in conformity with the local rules in force about used greases disposal. When needed, Safety Data Sheet can be obtained upon request.

Conservation of the product: 3 year(s) in closed container and sheltered.

## PROPERTIES

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA	
Type	-	-	POLYFOOD 00	POLYFOOD 2
NLGI-grade	-	ASTM D 217	00	2
Penetration at 25°C 60 strokes	1/10 mm	NFT 60132	400-430	295-335
Dropping point	°C	NFT 60102	200	265
4 Ball weld load	kg	ASTM D2596	250	315
NSF certificate number	-	-	127938	127937
Product number	190 K	-	211020	211021
Product number	50 K	-	211024	211022
Product number	5 K	-	211025	211027
Product number	400 gr	-	-	211029

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA
Thickener	-	-	calcium complexe
Appearance	-	-	smooth/sticky
Color	-	-	beige
Viscosity of the base oil at 40°C	mm²/s (cSt)	NFT 60100	180
Corrosion resistance	-	ASTM D-1743	passe
Copper corrosion	-	ASTM D 130	1b
Application temperature	°C	-	-20 à 150
4 Ball weld load	kg	ASTM D2596	400
4 Ball scar diameter, 1200 rpm, 75°C, 40 Kg	Ø mm	ASTM D4172	0,42

*The average values are given for information only.*