

POLYFOOD

GREASES FOR FOOD INDUSTRY

211021/09.19

Rev. 3

DESCRIPTION & APPLICATIONS

POLYFOOD is an extreme-pressure (EP) grease 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 equipment:

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

ADVANTAGES

- NON toxic.
- Usable over a wide range of temperatures.
- Mechanical and thermal stabilities up to 120°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
NLGI-grade	-	ASTM D 217	2
Thickener	-	-	calcium complexe
Appearance	-	-	smooth/sticky
Color	-	-	beige
Viscosity of the base oil at 40°C	mm²/s (cSt)	ASTM D-445	190
Viscosity of the base oil at 100°C	mm²/s (cSt)	ASTM D 7152	22
Water washout at 79°C	%	ISO 11009	< 5
Copper corrosion	-	ASTM D 4048	1b
Application temperature	°C	-	-20 à 120
Penetration at 25°C after 60 strokes	1/10mm	ISO 2137	310-340
Dropping point	°C	IP 396	260
4-ball weld load	N	DIN 51350 T4	5500
NSF certificate number	-	-	127937
Product number	190 K	-	211021
Product number	50 K	-	211022
Product number	5 K	-	211027
Product number	400 gr	-	211029

The average values are given for information only.