

MAXIGRAS 542 NON-TOXIC GREASE - H1

Pg. 1 of 2

DESCRIPTION:

Universal non-toxic grease specially formulated to meet the requirements of food and pharmaceutical industry. The components used in its formulation meet the requirements established by the FDA regulation 21 CFR 178.3570 for lubricants with incidental food products contact, grade H1.

PROPERTIES & ADVANTAGES:

- Working temperature: from -20 °C (-4 °F) to +100 °C (+212 °F) continuous work.
- High resistance to: water (even hot), steam, salt water, acid and alkali vapours.
- High mechanical stability to continuous work.
- Excellent adhesion, effectively protecting the lubricated surfaces from corrosion and rust.

APPLICATIONS:

- Journal bearings, ball bearings, washers, slides in agriculture, instrumental and chemical industry equipment.
- Bottling equipment.
- General lubrication of any mechanical device that requires non-toxic properties.

SPECIFICATIONS / QUALITY LEVEL:

CLASSIFICATION / GRADE	NLGI 2
DIN 51502	K2G-20
ISO 6743/9	ISO-L-XBBIA-2

APPROVALS:

Code H1 Category
NSF Registration No.: 139407
HALAL License No.: IH-986/2.4/M/60
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TECHNICAL DATA:

PHYSICOCHEMICAL CHARACTERISTICS	STANDARD	VALUE
Consistency (NLGI Grade)	DIN 51818	2
Thickener (Nature)		Anhydrous Calcium
Colour	Visual	Ivory
Base oil (Viscosity ISO grade)	ISO 3448	68-100
Dropping point, °C (°F)	ASTM D-2265	> 140 (284)
Oxidation resistance: Maximum lost after 100 hours (psi)	INTA 150481A	2
EMCOR Corrosion	DIN 51802	0/0
Water resistance, 3h, 90°C (Grade)	DIN 51807	0
4-ball Wear test, scar (mm)	ASTM D-2266	< 0.60

Note : These data represent average values after different tests. Given the wide variety of operating conditions, they do not constitute a basis for specifications. Olipes SL reserves the right to modify the indicated data without prior notice.

HOW TO USE:

MAXIGRAS 542 grease can be applied by pump, brush or spatula. It can also be pumped through automated systems, in consultation with the manufacturer.

MAXIGRAS 542 is compatible with any grease in the same base (thickener and oil). If in doubt please contact our technical department.

PACKAGING:

400g cartridge, 5L bucket, 20L pail and 50L & 200L drum.

The presentation refers to the standard capacities of the containers. The net quantity of the product packaged may vary depending on the type of fat and raw materials used, and is recorded in each packaging batch.