

## MAXIGRAS 593 NON-TOXIC GREASE - H1

Pg. 1 of 2

### DESCRIPTION:

Non-toxic grease with PTFE, H1 quality, specially indicated for the lubrication of mechanical elements subjected to heavy loads in food industry. The components used on its formulation meet the requirements established by the FDA, section 21 CFR 178.3570.

### PROPERTIES & ADVANTAGES:

- ✓ Excellent performance in low and high temperatures.
- ✓ Good resistance to water, steam, acids and alkalis.
- ✓ It has EP and PTFE additives to withstand dynamic and sliding heavy loads, even under extreme temperatures and working conditions.
- ✓ High protection against corrosion, wear and oxidation. Properties "long-life".
- ✓ Easily pumpable.
- ✓ Excellent adherence, reducing losses and increasing relubrication intervals.
- ✓ Working temperature from -30 °C to +160 °C (-22 °F to +320 °F).

### APPLICATIONS:

- ✓ Bearings, washers, guides, bushings in pharmaceutical, chemical, instrumental and food industry, especially in those places where there is a risk of accidental contact with food.
- ✓ General greasing of any mechanical element that requires nontoxic properties and high performance.

### SPECIFICATIONS / QUALITY LEVEL:

CLASSIFICATION / GRADE	NLGI 2
DIN 51502	KPF2P-30
ISO 6743/9	L-XCEIB-2



Heavy loads



High Temp.



**NACRE  
WHITE**

### APPROVALS:

- Code H1 Category
- Spray NSF Registration No.: 140165
- HALAL License No.: IH-986/2.4/M/60
- Contact us: +34 957 634 071



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Pg. 2 of 2

### TECHNICAL DATA:

PHYSICOCHEMICAL CHARACTERISTICS	STANDARD	VALUE
Thickener (Nature)		Aluminum Complex
Color	Visual	Nacre white
Consistency (NLGI Grade)	DIN 51818	2
Dropping point, °C (°F)	ASTM D-2265	> 250 (+482)
Base oil (Viscosity ISO grade)	ASTM D-445	150/220
Oxidation resistance Maximum loss after 100 hours (psi)	ASTM D-942	2
Water resistance, 3h, 90°C (194°F) (Grade)	DIN 51807/T1	1
EMCOR corrosion, distilled water	DIN 51802	0/0
4-Ball EP Test, welding load, kg	IP-239	> 320

*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 593 can be applied by greasing pump, brush or spatula. It can also be pumped through automated systems, in consultation with the manufacturer.

MAXIGRAS 593 is compatible with any grease with the same base (thickener and oil). If in doubt please contact our technical department.

### PACKAGING:

400g cartridge, 520ml spray, 5L bucket, 20L pail and 50L & 200L drums.

*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.*