

## MAXIGRAS FHT 2

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### DESCRIPTION:

Lubricating grease formulated with bases and 100% synthetic fluorinated thickeners. Specially designed to work in extreme situations of loads, shocks, presence of humidity, highly oxidizing atmospheres and possible chemical attacks.

### APPLICATIONS:

Lubrication of rolling bearings and plain bearings subjected to extreme loads.  
Bearings in the presence of humidity and/or high temperatures.  
Thrust and antifriction bearings, mechanical elements in the presence of acids or alkalis, saline and/or corrosive environments, and oxidizing atmospheres.  
Cables and chains subjected to high temperatures.  
Valves in generators, switches, electrical contacts, master controls in steam turbines, electric motors.  
Paper and cardboard corrugators.  
Air blowers, convectors, shakers in the chemical industry.

### PROPERTIES & ADVANTAGES:

Thanks to its fluorinated synthetic components, the following benefits are achieved:

- ✓ Excellent service life (Long-Life grease), reducing costs due to maintenance stops.
- ✓ High resistance in continuous work at high temperatures.
- ✓ Excellent chemical resistance to Oxygen gas, Chlorine gas, Hydrogen gas, Strong acids, Alkalis, Alcohols, Peroxides, Amines, Hydrocarbons, cold or hot water, water vapour, saline environments, machining fluids.
- ✓ Excellent behaviour under extreme conditions and shock loads. High EP capacity.
- ✓ Protection against corrosion and oxidation.
- ✓ Excellent adhesion, high resistance to dripping.
- ✓ High capacity of continuous work at high temperatures, providing an excellent recovery of the consistency upon cooling.
- ✓ Excellent mechanical resistance against continuous effort, minimum consistency changes.
- ✓ Minimum coefficients of friction, protecting the lubricated mechanical elements against wear.
- ✓ Operating temperature from -30°C to +250°C (-22°F to +482°F), with working tips up to +300°C (572°F).

### SPECIFICATIONS / QUALITY LEVEL:

CLASSIFICATION/GRADE	NLGI 2
DIN 51502	KPFK2U-30
ISO 6743/9	L-XCGIB-2
NLGI	GC-LB



Water resist.



Vibrations



Heavy loads



High temp.

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### TECHNICAL DATA:

PHYSICOCHEMICAL CHARACTERISTICS	STANDARD	VALUE
Consistency (NLGI Grade)	DIN 51818	2
Color	----	White
Density, kg/L	----	1.90
Base oil viscosity, 40°C, (104°F) cSt	ISO 3448	460
Dropping point, °C (°F)	ASTM D-2265	> 300 (572)
Emcor test	DIN 51802	0/0
4-ball Wear test, scar mm	ASTM D-2266	< 0.4
4-ball EP test, welding, kg	IP-239	> 500
Water resistance, 3h, 90°C (194°F), Grade	ASTM D-1264	0
Oil separation, % weight	ASTM D-1742	< 1
Copper corrosion, 24h, 100°C	ASTM D-4048	1B
Consistency stability after 100,000 strokes, 1/10mm	ASTM D-217	-15 to +45

*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 FHT 2 grease can be applied by grease pump, brush or spatula. It can also be pumped through automatic systems, after consultation with the manufacturer.

MAXIGRAS FHT 2 is compatible with any grease of the same base (thickener and oil). In case of doubt, consult our technical department.

### PACKAGING:

1L tin