

## MAXIGRAS COMPLEX M

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### DESCRIPTION:

High performance Complex grease for high temperature applications. Especially designed to reduce the relubrication frequencies up to 80% compared with conventional lithium greases. It contains extreme pressure additives and solid additives, which gives it excellent anti-wear properties.

### APPLICATIONS:

- Heavy equipment, Mining, Quarrying and Agriculture.
- Bolts and pikes of hydraulic breakers.
- Plants of hot mix asphalt.
- Crowns, rollers, cables, pulleys and guide cranes and mechanisms under heavy load, low speed and oscillating loads in extreme conditions, in the presence of contaminants.
- Steel and paper industries.
- Mechanical elements operating under high load situations, low speed and / or high temperature.
- Operating temperature: -20 °C to 160 °C (-4 °F to +320 °F).

### ADVANTAGES:

- Excellent EP capacity. It provides maximum protection from extreme load situations.
- Superior anti-wear and high oxidation resistance.
- Thanks to its complex thickener technology, it provides superior adherence to the metal surface, preventing the entry of external contaminants (water, dust).

### SPECIFICATIONS:

CLASSIFICATION / GRADE	NLGI 2
DIN 51502	KPF2P-20
ISO 6743/9	ISO-L-XBEHB-2



High Temp.



Heavy Loads



**BLACK  
COLOR**

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### TECHNICAL DATA:

PHYSICOCHEMICAL CHARACTERISTICS	STANDARD	VALUE
Consistency (NLGI grade)	DIN 51818	2 / 3
Thickener (Nature)		Lithium complex soap
Color	Visual	Black
Filling	-----	Graphite
Base oil (Viscosity ISO grade)	ISO 3448	320
Dropping point, °C (°F)	ASTM D-566	> 250 (+482)
Penetration loss: After 10 <sup>5</sup> strokes, 25 °C, (77 °F), points	ASTM D-217	<25
Oxidation stability, lost 100h, pSi	ASTM D-942	< 3
Water resistance, 3h, 90 °C (194 °F)	DIN 51807	1
Emcor corrosion, distilled water	DIN 51802	0 / 0
Timken load, OK, lbs	ASTM D-2509	60
4-ball EP test, welding load, (kg)	IP-239	>315
4-ball AW test, scar (mm)	ASTM D-2266	≤0.50

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

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

### PACKAGING:

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

*"Packaging" refers to the standard capacities of the packages. The net quantity of packed product may vary according to the type of grease and the raw material used, and it is recorded on each batch of packaging.*