

MAXIGRAS COMPLEX M

Pg. 1 of 2

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 2/3 |
|------------------------|----------------------|
| DIN 51502 | KPF2P-20 KPF3P-20 |
| ISO 6743/9 | ISO-L-XBEHB-2/3 |



High Temp.



Heavy Loads



**BLACK
COLOR**

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Pg. 2 of 2

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 ⁵ 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.