

MAXIGRAS 102/2

Pg. 1 / 2

PRESENTATION:

Lubricating grease formulated with state-of-art thickener Calcium Sulfonate Complex. Specially designed to work under extreme situations of loads, shock, presence of moisture and possible chemical attack.

APPLICATIONS:

Bearing lubrication under high loads.

Rolling mills in steel industry.

Bearings in the presence of moisture and / or elevated temperatures.

Paper industry, mining, construction equipment.

Electric motors, journal and antifriction bearings, mechanical elements in the presence of acids or alkalis, saline environments and / or corrosive.

The NLGI grade 0 is recommended for the lubrication of:

Cables, chains and gears on decks of ships and port machinery.

Heavy load bearings.

Closed crankcase gears lubricated with grease and under high torque.

PROPERTIES AND ADVANTAGES:

- Excellent performance under extreme conditions and shock loads. High capacity EP.
- Protection against corrosion and oxidation.
- High resistance to cold or hot water wash, either fresh water or seawater.
- Excellent adhesion, high resistance to dripping / draining.
- Excellent pumpability under -30 °C, allowing its use in situations of low temperature.
- Thanks to its complex thickener technology, it provides high continued workability at elevated temperatures, with an excellent recovery of the consistency once it cools.
- Excellent mechanical resistance against continued effort, minimal changes in consistency.

SPECIFICATIONS:

CLASSIFICATION / GRADE	NLGI 2
DIN 51502	KP2R-20
ISO 6743/9	L-XBFIB-2



Water Resist.



Vibrations



Low Temp.



Heavy Loads



High Temp.

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TECHNICAL DATA:

CHARACTERISTICS	STANDARD	VALUE
Type of thickener	ASTM D218	Sulfonate complex
Nature base oil	ASTM D218	Semi synthetic
Color	Visual	Brown
Consistency (Grade NLGI)	DIN 51818	2
Dropping point, °C (°F)	ASTM D-2265	≥ 270 (+518)
Penetration not worked @ 25 °C, x 0,1 mm	ASTM D217	280
Penetration worked (60 strokes) @ 25 °C, x 0,1 mm	ASTM D217	282
Penetration loss: After 10 ⁵ strokes, 25 °C, (77 °F) %	ASTM D217	-10/+30
Loss of fat penetration with 10% water: After 10 ⁵ strokes, 25 °C, (77 °F) %	ASTM D217	-10/+30
Copper corrosion, 24h, 100 °C	ASTM D-4048	1b
4-ball EP test, welding, kg	ASTM D-2596	> 700
Test Wear 4 ball: (40 Kg / 1200rpm / 75 °C / 1h), scar (mm)	IP-239	>400
Application temperatures in service, °C		-20 a +180

Note: These data represent average values after different tests. Due to the wide variety of operating conditions, they do not constitute a basis for specifications.

PACKAGING:

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