

MAXIGRAS 46 - Series

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DESCRIPTION:

Grease "moly" formulated with high refined base oils and developed to satisfy the most demanding services in automotive and industry. It contains Extreme Pressure additives and Molybdenum Disulphide, which give it excellent wear properties.

APPLICATIONS:

- Lubrication of mechanisms submitted to slipping, vibrations or high loads.
- Joints, plunger blocks, crossheads, electric engines, bushings, pins, sprockets.
- Generally speaking, at all the points of great responsibility and where an extension of the greasing periods is desired.
- Mechanic elements under sliding loads and high torques.

PROPERTIES:

- Ensures economic maintenance by cost cutting from mechanical or lubrication interventions.
- Thanks to its combination of additives, it is capable of contributing reduced friction coefficients, thereby reducing wear and tear in the lubricated elements.
- High adherence and lubricity.
- Its working temperature in service is between -20 °C (-4 °F) and +120 °C (248 °F), maximum working temperature recommended for bearings depending on the speed factor, and between -25 °C (-13 °F) and +130 °C (266 °F) for bolts and toothed rim, being able to attain temperature peaks of up to +140 °C (284 °F).

SPECIFICATIONS:

CLASSIFICATION / GRADE	NLGI 2	NLGI 3
DIN 51502	MPF2K-20 KPF2K-20	MPF3K-20 KPF3K-20
ISO 6743/9	ISO-L-XBCEB-2	ISO-L-XBCEB-3



Multipurpose



Heavy Loads



BLACK COLOR

Meet requirements from: SKF, TIMKEN, MOTOR IBERICA FINANZAUTO.

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TECHNICAL DATA:

PHYSICOCHEMICAL CHARACTERISTICS	STANDARD	VALUE	
Consistency (NLGI grade)	DIN 51818	2	3
Thickener (Nature)	----	Organic thickener	
Color	Visual	Black	
Base oil (ISO Viscosity Grade)	ISO 3448	100 - 150	
Dropping Point, °C (°F)	ASTM D-566	> 190 (374)	
Cone Penetration: After 10 ⁵ strokes, 25 °C, (77 °F) points	ASTM D-217	+10	
Water resistance, 3h, 90 °C (194 °F)	DIN 51807	1	
Emcor corrosion, distilled water	DIN 51802	0/0	
Copper corrosion, 100 °C, 24h, max	ASTM D-4048	1B	
Timken Load, OK, lb	ASTM D-2509	65	
4-Ball EP test, welding (kg)	ASTM D-2596	> 250	
4-Ball wear test (40 Kg/1200rpm/75 °C/1h), wear scar (mm)	ASTM D-2266	0.50	

"These data represent mean values after different assays. Given the wide range of operating conditions, they do not represent a basis for setting specifications."

TO USE:

MAXIGRAS 46 can be applied by greasing pump, brush or spatula. It can also be pumped through automated systems, after consultation with the manufacturer.

MAXIGRAS 46 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.

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.