

## MAXIGRAS 50 GEAR

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### DESCRIPTION:

Fluid lubricant grease with high apparent viscosity for open gears, formulated with semi-synthetic bases and additives with a high capacity to withstand large loads (Extreme Pressure).

### PROPERTIES:

- ✓ Excellent corrosion-proofing.
- ✓ Extreme capacity to withstand major continuous and impact loads.
- ✓ Resistant in aggressive environments (exposure to the sun, humidity, dust, vibrations).
- ✓ Great pumpability, even at low temperatures.
- ✓ Resistant to washing in cold or hot water and steam.
- ✓ Long-Life. Long-term grease.
- ✓ Working temperature: -20 °C to +150 °C (-4 °F to +302 °F)

### APPLICATION:

- ✓ Open gears under strong loads and aggressive environments.
- ✓ Toothed gears, masts and large gears on cranes and diggers.
- ✓ Greasing of elevator guides, slides, cables and chains, etc., it allows easy inspection of the condition of greased surfaces.
- ✓ Particularly suited for the mining, construction, cement, plaster and sepiolite sectors.
- ✓ Easy to apply in manual lubrication, also suitable for centralized lubrication systems.

### SPECIFICATIONS

CLASSIFICATION / GRADE	NLGI 0
DIN 51502	OGP0G-20
ISO 6743/9	L-XBBHB-0



Heavy Loads



AMBER COLOR

### TECHNICAL DATA:

PHYSICOCHEMICAL CHARACTERISTICS	STANDARD	VALUE
Consistency (NLGI grade)	DIN 51818	0
Thickener		Calcium Sulfonate Complex
Color	Visual	Amber
Base oil (ISO viscosity grade)	ISO 3448	680
Dropping point, °C (°F)	ASTM D-2265	> 250 (+482)
Flash point, °C (°F)	ASTM D-93	> 220 (284)
Corrosion test	ASTM D-665	Passes
4-ball EP test, weld load (kg)	IP-239	≥ 400
4-ball AW test, scar (mm)	ASTM D-2266	≤ 0.5

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### HOW TO USE:

MAXIGRAS 50 GEAR can be applied by manual pump, brush or spatula. It can also be pumped through automated systems. Before start-up, try to clean any residues from old lubricants from the gear teeth. Apply the MAXIGRAS 50 GEAR on the tooth flanks with a spatula or hard brush. MAXIGRAS 50 GEAR is compatible with any grease with the same base (thickener and oil). If in doubt please contact our technical department.

### PACKAGING:

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