

MAXIGRAS C45 Li-EP 00/000

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DESCRIPTION:

Multipurpose Lithium EP fluid lubricant grease, improved thanks to the plastic deformation of its micro-additives and formulated for the lubrication under harsh mechanical conditions, for use in centralized lubrication systems, or for applications requiring a fluid lubricant grease NLGI 00/000.

PROPERTIES & ADVANTAGES:

- ✓ Excellent resistance to environmental humidity, avoiding the arrival of the same to the lubricated metallic surfaces.
- ✓ High antiwear, anticorrosion, antioxidant and anti-rust power.
- ✓ High adhesion and smoothness.
- ✓ Working temperature from -30 °C to +100 °C (-22 °F to +212 °F), with peaks of 120 °C (+248 °F) in static lubrication.
- ✓ Excellent pumpability for use with gun and central lubrication.

APPLICATIONS:

- ✓ Heavy Construction Equipment, agricultural machinery, mining, joints, axle-boxes, etc.
- ✓ General greasing with extreme loads.
- ✓ Journal bearings, including yellow alloys, working with heavy loads or partial rotation with abrasion wear.
- ✓ Axle-boxes, lubrication of bearings and gears in closed-end systems.
- ✓ Centralized lubrication, application through automatic systems.

SPECIFICATIONS / QUALITY LEVEL:

CLASSIFICATION / GRADE	NLGI 00/000
DIN 51502	KP00G-30
	KP000G-30
	GP00G-30
	GP000G-30
ISO 6743/9	L-XCBEB-00
	L-XCBEB-000



Vibrations



Heavy Loads



Multipurpose



**AMBER
COLOR**

- ✓ It meets the specifications: Willy Vogel, MB 264.0, MAN 283 Li-P000, Lincoln GMBH, Tecalemit,

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TECHNICAL DATA:

PHYSICOCHEMICAL CHARACTERISTICS	STANDARD	VALUE
Consistency (NLGI grade)	DIN 51818	00 / 000
Thickener (Nature)	----	lithium
Color	Visual	Amber
Base oil (ISO Viscosity Grade)	ISO 3448	100/150
Dropping Point, °C (°F)	ASTM D-2265	> 160 (320)
Water resistance, 3h, 90 °C (194 °F)	DIN 51807	1
Copper corrosion, 24h, 100 °C, max.	ASTM D-4048	1b
4-ball EP test, welding (kg)	IP-239	> 250
4-ball AW test (40 Kg/1200rpm/75 °C/1h), scar (mm)	ASTM D-2266	< 0.50
Penetration loss: After 10 ⁵ strokes, 25 °C, (77 °F), points	ASTM D-217	-10/+30
Penetration loss: After 10 ⁵ strokes, 25 °C, (77 °F), with 10% water, points	ASTM D-217	-10/+30

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 C45 Li-EP 00/000 can be applied by greasing pump, brush or spatula. It can also be pumped through automated systems, after consultation with the manufacturer.

MAXIGRAS C45 Li-EP 00/000 is compatible with any grease of the same nature and properties. If in doubt please contact our technical department.

PACKAGING:

Bucket of 5L, pails of 20L and drums of 50L and 200L.

"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.