

MAXIGRAS 94 OGL

Pg. 1 of 2

DESCRIPTION:

Apparent high viscosity spray fluid lubricant grease for open gears, free of diluents, chlorine, lead, heavy metals and asphalt. Formulated with synthetic bases, ultra-thin colloidal graphite and special aluminum complex soap.

ADVANTAGES:

- ✓ Excellent performance under normal conditions and shock loads. High EP capacity.
- ✓ Protection against corrosion and oxidation
- ✓ High resistance to cold or hot water wash.
- ✓ High pumpability capacity. Excellent adhesion, high resistance to dripping / draining.
- ✓ Thanks to the colloidal graphite built-in formula, it minimizes the flank gear wear when the gear pinion-crown.
- ✓ It reduces the effect of micro-pitting caused by wear in the gear teeth.
- ✓ It is also substantially reduced the wear of the surfaces in contact under pressure, due to better and cleaner lubrication facilitating the removal of contaminants on contact surfaces.
- ✓ Excellent resistance to the separation of oil and components in situations where the grease is subjected to extreme situations of centrifugal force.
- ✓ Contains no diluents, avoiding danger in intermittent spray applications and avoiding the loss by evaporation and environmental pollution.

APPLICATIONS:

- ✓ Lubrication of large open gears, under heavy loads and high temperatures, replacing traditional lubricants high in asphalt components.
- ✓ Gears of great capacity and open design, rotary kilns, cement and mining industry mills, sintering plants, conveyors and transport chains, rack gears, installation of locks, ...
- ✓ Maintenance and marine lubrication.
- ✓ Lubrication of couplings, subjected to high centrifugal forces.
- ✓ Lubrication of steel ropes under extreme load and friction conditions, even in wet and marine environments.
- ✓ Suitable for use in lubrication systems such as Tecalemit, Lincoln Helios (SKF-Lincoln), Delimon (Bijur-Delimon), Woerner, Nortek, Neubor, ...
- ✓ It exceeds the demands of the main drive manufacturers: Krupp Polysius, Fuller, Flender, David Brown, Svedala-Allis.

SPECIFICATIONS / QUALITY LEVEL:

CLASSIFICATION / GRADE	NLGI 0/00
DIN 51502	OGPF0/00G-20
AGMA	CG-1 Type CG-2 Type CG-3 Type



Vibrations



High Temp



Heavy Loads



BLACK COLOR

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TECHNICAL DATA:

PHYSICOCHEMICAL CHARACTERISTICS	STANDARD	VALUE
Consistency (NLGI grade)	DIN 51818	0/00
Thickener		Aluminum complex
Color	Visual	Black
Base oil (Viscosity grade ISO)	ISO 3448	1500
Dropping point, °C (°F)	ASTM D-2265	> 160 (+320)
Corrosion test on steel	ASTM D-665	Pass
Copper corrosion	ASTM D-130	1a
FZG test - Weight modification, mg/kWh	DIN 51354	> 12 < 0.2
4-ball EP test, welding (kg)	IP-239	≥ 700
Water resistance, 3h/40 °C (104 °F)	DIN 51807	0 - 40
Solid additive content, % by weight (approx.)		≥ 10
Thermal stability of the lubricating film, up to (approx. value), °C (°F)		250 (482)
Operating temperature in automatic spray systems, approx. °C		+0 to 100
Temperature of use in centralised dosing systems °C approx.		20 max

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 94 OGL can be applied by automatic spray/atomization system. It can also be applied by bath (splash/sump) and idler immersion.

MAXIGRAS 94 OGL is compatible with any grease with the same base (thickener and oil). If in doubt please contact our technical department.

PACKAGING:

520cc spray, 5L bucket and 20L pail.

"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.