

MAXIGRAS COMPLEX 8140M SHC-OGL ARCTIC 00/000

Pg. 1 of 2

DESCRIPTION:

Maxigras Complex 8140M SHC-OGL ARCTIC is formulated with **semi-synthetic base oils** and developed to satisfy the most demanding services in **heavy loaded machines and industry under arctic conditions**, in mining equipment, shovels, draglines and excavators in open cut operations. It is based on Aluminium Complex soap thickener and semi-synthetic base oil containing enhanced extreme pressure and antiwear chemistry.

APPLICATIONS:

- Open gears on draglines, shovels, excavators, stackers and reclaimers.
- Open gears in Industrial sector such as cement, waste treatment or steel.
- Stickshifts.
- Heavily loaded, slow moving antifriction bearings.
- Bushings.
- Mechanical elements operating under high load situations and low speed.
- Operating temperature: - 50°C to +120 °C (-58 °F to +248 °F).

ADVANTAGES:

- Excellent EP capacity. It provides maximum protection from extreme load situations.
- Very high mechanical and thermal stability.
- Superior anti-wear and high oxidation resistance.
- **Good pumpability at very low temperatures in centralised lubrication systems.**
- Thanks to its thickener technology, it provides superior adherence to the metal surface, preventing the entry of external contaminants (water, dust, dirt contamination).

SPECIFICATIONS:

CLASSIFICATION / GRADE	NLGI 00/000
DIN 51502	MPF00C-40HC MPF000C-40HC
ISO 6743/9	ISO-L-XBAEB-00 ISO-L-XBAEB-000



Cold climates



Heavy Loads



**BLACK-GREY
COLOR**

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TECHNICAL DATA:

PHYSICOCHEMICAL CHARACTERISTICS	STANDARD	VALUE
Consistency (NLGI grade)	DIN 51818	00/000
Thickener (Nature)	-----	Al Complex
Base Oil (type)	-----	Semi-Synthetic
Color	Visual	Black
Brookfield Viscosity, 25°C (cP)	ASTM D-2983	>50.000
Cone Penetration	ASTM D-217	420-450
4-ball EP test, welding load, (kg)	IP-239	650
4-ball AW test, scar (mm)	ASTM D-2266	≤0.50
Rust test	ASTM D-1743	Pass
Copper Strip, 24h, 100°C (212 °F)	ASTM D-4048	1b
Pumpability, Lincoln Ventmeter, -50°C s máx.		-
Low Temperature Flow Pressure, mbar max. @-50 °C	DIN 51805	1000

HOW TO USE:

MAXIGRAS COMPLEX 8140M SHC-OGL ARCTIC 00/000 can be applied by greasing pump, brush or spatula. **It can also be pumped through automated systems, after consultation with the manufacturer, offering good pumpability over long distances and at low temperatures.**

MAXIGRAS COMPLEX 8140M SHC-OGL ARCTIC 00/000 is compatible with any grease with same base (thickener and oil). If in doubt please contact our technical department.

PACKAGING:

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.

These data represent average values after different tests. Due to the wide variety of operating conditions, they do not represent a basis for specifications. Olipes SL reserves the right to change the stated data without prior notice."

The information contained in this PRODUCT SHEET is based on the experience and knowledge of OLIPES,S.L. in the development and manufacture of lubricants and on data provided by vehicle and machinery manufacturers. The performance of our products may be affected by a number of factors, in particular, the specific application, the method of application, the operating conditions, the condition of the lubricated mechanical elements prior to application, external contamination, etc. For this reason, no universally valid statements or recommendations regarding the functionality of our products are possible. The information contained in this document represents general and non-binding guidelines. OLIPES, S.L. gives no express or implied warranty about the properties of the product or its suitability for a particular application. Therefore, we recommend that you consult the OLIPES,S.L. Technical Assistance Service (SAT) to determine the application conditions and performance criteria of the products before use.

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