

### Product Description

Mobilgear OGL 007 is an advanced technology semi-fluid lubricant incorporating both extreme pressure additives and finely dispersed graphite for load carrying. It is intended primarily for the lubrication of large, slow moving, heavily loaded gears. In addition, to providing outstanding load carrying performance, it is formulated to have excellent adhesion and resistance to "fling-off" under extreme conditions.

The exceptional FZG Gear Test performance demonstrates a high level of protection against wear and scuffing.

Mobilgear OGL 007 is lead and chlorine free. It contains no solvent or diluent and poses minimal environmental concern. The absence of a solvent or diluent also enables the product to maintain its full specification during storage and use.

The low temperature properties and slumpability of Mobilgear OGL 007 are suited to spray or slushpan applications under a wide variety of conditions. The product is easily pumped from drum to application spray nozzles with conventional transfer pumps.

### Benefits

Mobilgear OGL 007 offers the following benefits:

- Outstanding load-carrying and antiwear properties for superior protection against wear.
- Excellent pumpability and sprayability giving improved lubrication and reduced energy consumption.
- Good protection against rust and corrosion leading to longer equipment life, reduced downtime and reduced maintenance costs.
- Reduced consumption and lower lubricant costs arising from the good adhesive nature of the product.
- Minimal impact on the environment because of the absence of lead, nitrite or solvent.

### Application

Mobilgear OGL 007 is recommended for the lubrication of large, heavily loaded, slow moving open gears in heavy duty industrial applications as found in the steel, cement, paper, chemical and mining industries, including those that operate at high temperatures, for example, ring gears on cement kilns and ball mills. It also has applications in plain bearings where the high base oil viscosity and high graphite content will give additional protection.

## Health and Safety

Based on available toxicological information, it has been determined that this product poses no significant health risk when used and handled properly.

Details on handling, as well as health and safety information, can be found in the Material Safety Data Bulletin which can be obtained through Mobil Oil Company Ltd., by telephoning 01372 22 2000.

Typical physical characteristics are given in the table. These are intended as a guide to industry and are not necessarily manufacturing or marketing specifications.

## Typical Characteristics

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	<b>Test Method</b>	<b>Mobilgear OGL 007</b>
NLGI Grade	ASTM D217	0/00
Soap Type	-	Lithium
Micronised Graphite, % wt	-	8%
Base Oil Viscosity, cSt at 40°C	ASTM D445	460
Timken OK Load, kg	ASTM D2509	15.5
FZG Gear Test Failure Stage	DIN 51354	12+
4-Ball Weld Load, kg	ASTM D2596	>800
4-Ball Wear Scar, mm	ASTM D2266	0.40
ASTM Rust	ASTM D1743	Pass/Pass/Pass

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Due to continual product research and development, the information contained herein is subject to change without notice.

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