

### Product Description

Mobilgear OGL 009 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 to medium speed, heavily loaded gears. In addition to providing outstanding load carrying, it is formulated to have excellent adhesion and resistance to "fling-off" under extreme pressure conditions.

The exceptional FZG gear test performance demonstrates a high level of protection against wear and scuffing.

Mobilgear OGL 009 is lead-free and chlorine-free. It contains no solvent or diluent and pose minimal environmental concern. Absence of solvent or diluent also enables the product to maintain full specification during storage and use.

The low temperature properties and slumpability are suited to spray 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 009 provide the following benefits:

- Outstanding load-carrying and anti-wear 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 and solvent

### Application

Mobilgear OGL 009 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. It can be used in these applications where the operating temperatures are high, 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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### Mobilgear OGL 009

Soap Type	-	Lithium
Micronised Graphite	-	8%
NLGI Grade	ASTM D217	00
Base oil viscosity, cSt at 40°C	ASTM D445	1500
Timken OK Load, lbs	ASTM D2509	35
FZG Gear Test - Stages Passed	DIN 51354	12
4 Ball wear, mm	ASTM D2266	0.5
4 Ball load, kg	ASTM D2596	>800
ASTM Rust test	ASTM D1743	Pass
Copper corrosion	ASTM D4048	1A
Steel corrosion	FTM 5309	No corrosion
Evaporation loss, %m	ASTM D942	1 max.

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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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