

# Product Data Sheet

## CMB 150 Gear Oil Heavy Duty Industrial Gear Lubricant

### Product Description

CMB 150 Gear Oil is a premium quality heavy duty industrial gear lubricant made from solvent refined high quality paraffinic mineral oils and an unleaded load carrying additive. It also contains oxidation, rust, foam and emulsion formation inhibiting additives.

### Benefits

CMB 150 Gear Oil offers the following benefits:

- Longer oil life resulting from reduced oxidation and oil degradation - and lower bulk oil temperatures
- Reduced tooth wear due to excellent load carrying properties
- Increased protection against rust and metal corrosion
- Good lubrication in presence of water due to marked resistance to emulsion formation and resistance to foaming
- Smaller gear cases can be used for given transmission loads
- Reduced power consumption due to lower coefficient of friction
- Lead free additive technology reduces health and environmental hazards
- Reduced maintenance and repair costs give improved operating profit

### Applications

CMB 150 Gear Oil is recommended for industrial enclosed gears with circulation or splash lubrication operating at bulk oil temperatures up to 110°C.

### Properties

CMB 150 Gear Oil has outstanding load carrying properties - extreme pressure characteristics and resistance to metallic wear having a Timken pass load of 29.5 kgs.

CMB 150 Gear Oil has an extremely high level of resistance to oxidation and chemical degradation that keeps gear cases, reservoirs and circulation systems free from sludge and deposits even at high bulk oil temperatures. This gives very long service life. The friction modifying characteristics reduce power consumption and lower bulk oil temperatures to reduce oxidation further.

CMB 150 Gear Oil protects against copper corrosion and rusting in both liquid and vapour phases. The water separating properties are excellent, preventing rusting should contamination with aqueous fluids occur.

## 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.

## Product Characteristics

---

	<b>CMB 150 Gear Oil</b>
ISO Viscosity Grade	150
Viscosity, cSt at 40°C	135/150
Viscosity, cSt at 100°C	14.2
Viscosity Index min.	91
Pour Point, °C max.	-24
Flash Point, °C min. COC	210

---

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

---

**Mobil Oil Company Limited**  
**Acting as Agent for Mobil Lubricants UK Limited**  
**ExxonMobil House, Ermyn Way**  
**Leatherhead, Surrey, KT22 8UX**  
**Telephone: 01372 22 2000**

