

### Product Description

Mobilux EP 111 is a heavy duty extreme pressure grease specifically formulated to provide excellent wear protection and minimise lubricant throw off from heavily loaded gear couplings, and couplings operating at high rotational speeds.

Mobilux EP 111 is manufactured from a highly shear stable lithium soap in combination with a very viscous base oil and an extremely effective extreme pressure, anti-oxidant and corrosion inhibitor package. This unique combination of materials provides outstanding antiwear performance and exceptional resistance to centrifugal separation of the oil from the thickener.

### Benefits

Mobilux EP 111 offers the following benefits:

- Outstanding extreme pressure performance minimises wear and prolongs coupling life, reduces downtime and lowers maintenance costs
- Excellent anti-wear protection even when couplings are slightly misaligned
- Minimises excessive oil bleeding frequently found with normal greases under the high centrifugal loads experienced within couplings
- Lead free additive technology reduces health and environmental hazards

### Application

Mobilux EP 111 is recommended for all major coupling manufacturers' equipment, such as Zurn, Koppers and Renolds. Its superior leakage control and excellent oxidation inhibition characteristics ensure long service life.

Mobilux EP 111 provides outstanding wear protection of all industrial couplings and is particularly effective in extending the brass slipper life of certain coupling designs.

Mobilux EP 111 may also be used to lubricate some slow moving or open gears and plain bearings which operate under heavy load.

Mobilux EP 111 is recommended for operation over a working temperature range of -10°C to +120°C.

### 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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### Mobilux EP 111

	Test Method	
NLGI Grade	ASTM D217	1
Soap Type	-	Lithium
Colour	Visual	Dark Green/Black
Structure	-	Smooth/Tacky
Penetration, Worked	ASTM D217	325
Viscosity of Oil, cSt at 40°C	ASTM D445	1000
Viscosity of Oil, cSt at 100°C	ASTM D445	43
Dropping Point, °C	ASTM D2265	180
Timken OK Load, kg	ASTM D2509	22.7
4-Ball Weld Load, Kg	ASTM D2596	315
4-Ball Wear, Scar mm	ASTM D2266	0.4
Emcor Water Wash Test	IP 220 Mod.	0-0

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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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