

Product Description

Mobil Glygoyle Grease 00 is a semi-fluid grease developed for “life time” lubrication of gearboxes constructed with “filled for life” features. It is made from a synthetic poly-glycol type fluid/mineral oil blend thickened with a lithium soap.

Mobil Glygoyle Grease 00 is outstanding in its resistance to chemical and thermal degradation. Being based on a poly-glycol type fluid it has superior lubricity characteristics resulting from its lower co-efficient of friction. It also has excellent load carrying ability, reducing metal to metal contact to a minimum and giving long gear tooth life and smooth quiet power transmission.

Benefits

Mobil Glygoyle Grease 00 offers the following benefits:

- Compatible with all seal materials (except silicon type rubbers and leather) due to - non-mineral type base oil
- Reduced maintenance costs - due to long life characteristics and reduced leakage
- Reduced power losses - due to low co-efficient of friction
- Less gear tooth wear - due to excellent load carrying ability
- Reduced operating temperature - due to low co-efficient of friction and high thermal conductivity
- Reduced leakage - due to good cohesive characteristics

Application

Mobil Glygoyle Grease 00 is recommended as a long life gearbox lubricant for application in industrial applications where maintenance access is difficult - or where production service demands built-in lubrication for the life of the unit.

It meets the lubrication needs of bearings and gears operating at bulk lubricant temperatures up to 120°C and for start-up temperatures as low as -18°C.

Mobil Glygoyle Grease 00 is not miscible with semi-fluid or grease like products manufactured from mineral oil based materials. When refilling a gear unit which has previously been lubricated by a mineral oil type product, it is desirable to flush out the unit thoroughly. All traces of the previous lubricant should be removed before the unit is refilled with Mobil Glygoyle Grease 00. Do not fill the gearbox completely - fill to the oil level plus 10%.

If the interior of the gearbox is painted with high quality oil resistant red lead or epoxy base type paints no difficulty will be experienced with Mobil Glygoyle Grease 00. However, if poor quality paints are used the poly-glycol ingredient in Mobil Glygoyle Grease 00 may attack them and cause peeling or cracking.

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

Mobil Glygoyle Grease 00

NLGI Grade	00
Soap Type	Lithium
Consistency (IP Method 50): Worked Penetration	425
Structure	Smooth
Colour	Pale Golden Yellow
Base Oil Content %	90
Base Oil Viscosity, cSt at 40°C	120
Base Oil Viscosity, cSt at 100°C	21.5

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

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