

Product Data Sheet

Mobilgrease FM 003 Food Machinery Grease

Product Description

Mobilgrease FM 003 is a semi-fluid food machinery grease, NLGI No. 00, formulated with an aluminium complex soap and ISO VG 100 white oils.

Its resistance to water washout and mechanical stability ensures excellent lubrication for machinery over a wide speed range and operating temperatures of -20°C to +150°C.

Mobilgrease FM 003 meets USDA H-1 requirements (FDA 21 CFR 178.3570) and is acceptable as a lubricant in plants where there is a possibility of incidental food contact.

Mobilgrease FM 003 is also approved to my many leading food industry company in house performance and environmental standards.

Benefits

Mobilgrease FM 003 offers the following benefits:

- USDA H1 Classified, for food applications
- Wide temperature range -20°C to + 150°C
- Good water resistance
- Excellent mechanical stability
- Good rust preventive properties

Application

Mobilgrease FM 003 is a semi-fluid grease suitable for use in food factory applications where the risk of incidental food contact exists.

It can be used in gear reduction units, agitator drives and centralised grease systems requiring an NLGI 00 product of low base oil viscosity.

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

		Mobilgrease FM 003
	Test Method	
NLGI	ASTM D217	00
Soap Type	-	Aluminium Complex
Structure	Visual	Smooth
Colour	Visual	Pale Yellow
Penetration, Worked	ASTM D217	415
Viscosity of Base Oil, cSt at 40°C	ASTM D445	108
Viscosity of Base Oil, cSt at 100°C	ASTM D445	12.2

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

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