



## PRODUCT INFORMATION

### FM GREASE

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#### CHARACTERISTICS

FM Grease is a premium Food Grade Grease with polymer additives providing superior adhesive/cohesive performance. Specially formulated with high purity and non-toxic components conforming to the FDA section 21 CFR 178.3570 for incidental food contact. The base oil meets the requirements of European and US pharmacopoeias and FDA paragraph 178.3620A.

FM Grease is in the category code H1.

FM Grease shows good adherence, anti-ejection, extreme pressure properties, is water-repellent and high temperature resistant.

#### QUALITIES & ADVANTAGES

- No toxic contamination, cleanliness.
- High mechanical and thermal stability up to 150 Gr.Centergrade
- Extremely water repellent.

- High adherence, better lubrication, lower consumption.
- EP properties (without toxic additives)

#### ANTI-WEAR AND TEAR QUALITIES

- Selected Extreme Pressure agent.

#### CORROSION INHIBITOR

- Strong Anti Rust properties.

#### APPLICATION

- \* Food and drug industries.
- \* Breweries.
- \* Food packaging industries.
- \* Belt conveyor.
- \* General machine equipment.
- \* Bearings and articulations located near products like grape harvesting machines, wine, beer, mineral water, flour, based food, Bread, meat, fish, vegetable, fruits, livestock food, canning industries.
- \* Heavy loaded bearings with speed up to 4000 RPM.

## FM GREASE - continued

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MIXING WITH OTHER GREASES.

IT IS ALWAYS RECOMMENDED THAT OLD GREASE IS REMOVED FROM THE BEARINGS BEFORE NEW GREASE IS APPLIED.

### PHYSICAL DATA

COLOUR Visual TEXTURE	White/Ivory Smooth
NEUTRALISATION NUMBER ASTM D-664	5
FOUR BALL WELD POINT TEST at 1450 RPM/KG Load	315
COPPER CORROSION ASTM D-4048	1B
PENETRATION WORKED ASTM D-217 1/10 mm	255-335
WORK STABILITY (100.000 Strokes) D-217 1/10 mm	35
TOXICITY TEST	Non toxic
NOMINAL WORKING TEMPERATURE INTERVAL, °C	-30/+140
NLGI-grade	2
SOLUBILITY in Water	insoluble
DROPPING POINT, °C ASTM D566	>250