

## Tribol™ GR FM 2.5 Sil

Silicone grease, separating and lubricating agent for metal/plastics combinations

### Description

Castrol Tribol™ GR FM 2.5 SIL (previously called Optisil™ FM) is a creamy white coloured silicone grease. Due to its excellent separating and lubricating properties it is especially suited for applications with metal/plastics combinations. In rolling and sliding bearings with low bearing pressures Tribol GR FM 2.5 SIL is applied as lubricating grease.

### Application

- Separating and lubricating agent for metal/plastics combinations
- Rolling and sliding bearings under low loads
- As sealing grease in labyrinth seals
- In humid and chemically aggressive environments
- Temperature application range: - 40°C/- 40°F to + 200°C/+ 392°F

### Advantages

- Good compatibility with elastomers
- Excellent separating properties
- Suited for slightly acidic or alkaline environments
- Resistant to cold and hot water, dirt-repellent
- Aging-resistant and thermally stable
- Conveyable in centralized lubrication systems

### Typical Characteristics

Name	Method	Units	Tribol GR FM 2.5 Sil
Colour	Visual / ASTM D1500	-	Light-beige
Base	-	-	Lithium/silicone oil
Worked Penetration (60 strokes @ 25°C / 77°F)	ASTM D217 / ISO 2137	0.1 mm	240 – 280
Density @ 20°C / 68°F	Inhouse method	kg/m³	1050
Dropping Point	ASTM D566 / ISO 2176	°C / °F	215 / 419
Water Resistance @ 90°C / 194°F	DIN 51807-1	Rating	0
Oil Separation	DIN 51817	wt%	3.0

Subject to usual manufacturing tolerances

## Additional Information

- Tribol GR FM 2.5 SIL is not to be mixed with other lubricating greases.
- Old lubricant residues must be thoroughly removed before application.
- Fill bearing housing only about half full with grease.
- Please observe the specifications of the bearing manufacturers

**This product was previously called Optisil™ FM. The name was changed in 2015.**

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17 Aug 2015

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