



TSK5411M

Silicone Lubricating Grease

Product Description

TSK5411M high-performance lubricating grease is based on a lithium soap-thickened methyl silicone fluid. It has excellent resistance to oxidation and good water washout resistance over a wide operating temperature range of -50 to 200°C

Typical Properties

Appearance		White
Penetration (worked)		280
Bleed (150°C, 24h)	%	3.0
Evaporation (150°C, 24h)	%	0.1
Dropping Point	°C	207
Oxidization Stability (150°C, 100h)	MPa	0.08
Water washout resistance (79°C, 1h)	%	3.0
Copper Corrosion (100°C, 24h)		No Corrosion
Low Temperature Torque Test (JIS K 2220):		
Starting Torque	N-cm	6.4
Running Torque	N-cm	3.0

Typical property data values should not be used as specifications.

Key Features and Typical Benefits

- Good lubricity
- High and low temperature resistance
- Oxidization resistance
- Good water washout resistance
- Chemically inactive
- Non-corrosive
- Compatible with plastics and elastomers
- Rated suitable for incidental food contact*

*Contact a GE Advanced Materials sales representative or distributor for certification details.

Potential Applications

TSK5411M is widely used in various industries for applications requiring lubrication and corrosion-protection with low to medium load and speed. Typical applications include:

- Light-duty lubrication for motors, pumps, fan bearings
- Lubrication for light-duty bearings, valves, gears, seals
- Seals for organic rubber packing
- Moisture and dust protection for ignition systems

Handling and Safety

- Wear eye protection and protective gloves when handling the product.
- Use the product in a well-ventilated area.

Storage

- Store in a dark, cool place out of direct sunlight.
- Keep out of reach of children.

Shelf Life

- 9 months from date of manufacture when maintained under recommended storage conditions.

Packaging

- 100g tube available in cases of 20
- 1kg can available in cases of 10
- 18kg pail

At GE Advanced Materials — Silicones, our versatile materials are the starting point for our creative approach to ideas that help enable new developments across hundreds of industrial and consumer applications. We are helping customers solve

product, process, and performance problems; our silanes, fluids, elastomers, sealants, resins, adhesives, urethane additives, and other specialty products are delivering innovation in everything from car engines to biomedical devices. From

helping to develop safer tires and keeping electronics cooler, to improving the feel of lipstick and ensuring the reliability of adhesives, our technologies and enabling solutions are at the frontline of innovation.



Local Contacts

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