



TSK5422L

Silicone Lubricating Grease

Product Description

TSK5422L is a light-consistency lubricating grease based on a lithium soap-thickened methyl phenyl silicone fluid. It has excellent resistance to oxidation and good water washout resistance over a wide operating temperature range of -30 to 200°C

Typical Properties

Appearance		Light Translucent Yellow
Penetration (worked)		305
Bleed (150°C, 24h)	%	4.0
Evaporation (150°C, 24h)	%	0.2
Dropping Point	°C	223
Oxidization Stability (150°C, 100h)	MPa	0.00
Water washout resistance (79°C, 1h)	%	3.0
Copper Corrosion (100°C, 24h)		No Corrosion

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

Applications

- Lubrication of motors, pump and fan bearings, including kilns, ovens, etc.
- Lubrication of bearings, valves, gears, and seals
- High temperature conveyors

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

- 18 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

Regional Information	Phone	Fax
Australia / New Zealand GE Toshiba Silicones Australia Pty. Ltd. 175 Hammond Road, Dandenong VIC 3175, Australia	+613.9703.7200	+613.9706.7597
Pacific Headquarters GE Toshiba Silicones Co., Ltd. 6-2-31 Roppongi, Minato-Ku Tokyo 106-8550 , Japan	+81.3.3479.5361	+81.3.3479.5391

DISCLAIMER: THE MATERIALS, PRODUCTS AND SERVICES OF THE BUSINESSES MAKING UP THE GE ADVANCED MATERIALS UNIT OF GENERAL ELECTRIC COMPANY, ITS SUBSIDIARIES AND AFFILIATES, ARE SOLD SUBJECT TO GE ADVANCED MATERIALS' STANDARD CONDITIONS OF SALE, WHICH ARE INCLUDED IN THE APPLICABLE DISTRIBUTOR OR OTHER SALES AGREEMENT, PRINTED ON THE BACK OF ORDER ACKNOWLEDGMENTS AND INVOICES, AND AVAILABLE UPON REQUEST. ALTHOUGH ANY INFORMATION, RECOMMENDATIONS, OR ADVICE CONTAINED HEREIN IS GIVEN IN GOOD FAITH, GE ADVANCED MATERIALS MAKES NO WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, (i) THAT THE RESULTS DESCRIBED HEREIN WILL BE OBTAINED UNDER END-USE CONDITIONS, OR (ii) AS TO THE EFFECTIVENESS OR SAFETY OF ANY DESIGN INCORPORATING GE ADVANCED MATERIALS' PRODUCTS, MATERIALS, SERVICES, RECOMMENDATIONS OR ADVICE. EXCEPT AS PROVIDED IN GE ADVANCED MATERIALS' STANDARD CONDITIONS OF SALE, GE ADVANCED MATERIALS AND ITS REPRESENTATIVES SHALL IN NO EVENT BE RESPONSIBLE FOR ANY LOSS RESULTING FROM ANY USE OF ITS MATERIALS, PRODUCTS OR SERVICES DESCRIBED HEREIN. Each user bears full responsibility for making its own determination as to the suitability of GE Advanced Materials' products, materials, services, recommendations, or advice for its own particular use. Each user must identify and perform all tests and analyses necessary to assure that its finished parts incorporating GE Advanced Materials' products, materials, or services will be safe and suitable for use under end-use conditions. Nothing in this or any other document, nor any oral recommendation or advice, shall be deemed to alter, vary, supersede, or waive any provision of GE Advanced Materials' Standard Conditions of Sale or this Disclaimer, unless any such modification is specifically agreed to in a writing signed by GE Advanced Materials. No statement contained herein concerning a possible or suggested use of any material, product, service or design is intended, or should be construed, to grant any license under any patent or other intellectual property right of General Electric Company or any of its subsidiaries or affiliates covering such use or design, or as a recommendation for the use of such material, product, service or design in the infringement of any patent or other intellectual property right.

Copyright 2005 General Electric Company, all rights reserved