

# 8461



## Lithium Grease

8461 is a white lithium grease with a smooth and buttery texture. It is a corrosion-resistant lithium grease for metal-to-metal, metal-to-plastic, and plastic-to-plastic applications.

Primarily, white lithium grease is used to lubricate moving parts, such as 3D printer mechanisms, gears, spindles, hinges, latches, tracks, pulleys, cables, machinery, tools, and equipment.

## Features & Benefits

- Lithium-based grease
- Reduces wear and friction
- Repels water and prevents corrosion
- Resists washout
- Does not melt, run or freeze
- Non-toxic
- Silicone-free
- Plastics- safe

## Available Packaging

Cat. No.	Packaging	Net Vol.	Net Wt.
8461-85ML	Tube	85 mL	75.6 g

## Storage and Handling

Store between 0 and 30 °C in a dry area, away from sunlight (see SDS).

## Contact Information

MG Chemicals, 1210 Corporate Drive  
Burlington, Ontario, Canada L7L 5R6

Email: support@mgchemicals.com

Phone: North America: +(1)800-340-0772

International: +(1) 905-331-1396

Europe: +(44)1663 362888



## Properties

Color	Off-white
Filler	Zinc oxide
Thickener Type	Lithium 12 Hydroxy
Thickener Content	4-7 %
Density	0.9 g/mL
Viscosity	38.7 Pa·s
NLGI Consistency Grade	1
Cone Penetration @ 25 °C	310-340
Dropping Point	177 °C
Base Oil Viscosity @ 40 °C	100-125 cst
Viscosity Index	95
Service Temperature Range	-40–180 °C

## Disclaimer

This information is believed to be accurate. It is intended for professional end-users who have the skills required to evaluate and use the data properly. M.G. Chemicals Ltd. does not guarantee the accuracy of the data and assumes no liability in connection with damages incurred while using it.