



The **Silchem™** Group

[www.silchem.com](http://www.silchem.com)

Chemistry is the Science, Silicone is Our Business™

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## Tech Data Sheet

## SM1208WA

### SILICONE LUBRICATING GREASE General Purpose & Automotive Applications Equal to Shin Etsu G-501

**SM1208WA** is silicone oil based; lithium filled lubricating grease designed for adaptability in a wide range of applications where contacting surfaces are under medium to light loads, and where wide temperature ranges are expected. **SM1208WA** is useful as corrosion inhibitor, plastic gear and metal bearing lubricant and water repellent.

**SM1208WA** features minimal separation at temperatures up to 190°C, low volatility, and is non corrosive to plastics. Will not cause stress cracking in plastics. Competitive offset is Shin Etsu G-501.

Product Data			
Physical Property	Method	Value	Features
Appearance		Off White	Low Volatility (no corrosive gases) Excellent Dispersion Wide Temperature Range Non Corrosive Excellent Stability Minimal Separation Water Repellency Lithium Filled
Thickener		Lithium Soap	
Service Temperature		-50°C to 190°C	
Penetration (Worked)	ASTM D-217	300-360	
Bleed (150°C, 24 Hrs.)	ASTM D-1742	<0.2%	
Evaporation (150°C, 24 Hrs.)	FTM 321.3	<0.12%	
Low Temperature Torque (@-40°C)			
Starting (gf-cm)	ASTM D-1478	404	
Running(gf-cm)	ASTM D-1478	222	
Dropping Point (°C)	ASTM D-2265	282	
Specific Gravity @ 25°C		0.97-1.02	
Shelf Life(Months):		60	
Applications	Metal on Metal Lubricant, Plastics on Plastics Lubricant, Computer Printer Drives, Recreational Vehicles, Seat Belt Retractors, Bicycle Wheel Bearings, Chain Drives, Control Cables, Printers, Fan Bearings		

- Manufactured in accordance with ISO 9001 requirements.

Packaging Options

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