



**Innovation and Experience at Work**

## UltraSil 808

UltraSil 808 is a Molybdenum Disulfide fortified silicone grease for use in lightly loaded, high temperature bearing applications. It features outstanding water washout resistance, low volatility, and a high dropping point. Like other silicone lubricants, it is compatible with most plastics and elastomers.

BASE OIL CHARACTERISTICS		TYPICAL VALUE *
<b>Type</b>		Silicone
GREASE CHARACTERISTICS		TYPICAL VALUE *
<b>Molybdenum Disulfide Content (%)</b>		>60
<b>Color</b>		Black - Gray
<b>Appearance</b>		Smooth
<b>NLGI Grade</b>		1.5
<b>Penetration (ASTM D217)</b>	Unworked	306
<b>Dropping Point (°C) (ASTM D2265)</b>		>260
<b>Oil Separation (ASTM D6184)</b>	24h at 100°C	0.8%
<b>Evaporation (CTM-1)</b>	24h at 100°C	0.12%
<b>Four Ball Extreme Pressure (ASTM D2596)</b>	Weld Load	2000 N
<b>Water Washout (ASTM D1264)</b>	60 min at 38°C	0.19%
<b>Service Temperature (°C) **</b>		-45 to 230
		Dry
		450

\*The typical values reported on this data sheet should not be used for writing specifications or creating drawings. Please consult ECL for assistance in preparing a specification for this product. Refer to our product Material Safety Data Sheet for detailed safety information.

\*\* Temperature resistance of solid lubricants