



**Innovation and Experience at Work**

## UltraSil 818

UltraSil 818 is silicone grease prepared from special lithium thickening agent with improved lubricity. This grease is recommended for metal-on-plastic and plastic-on-plastic applications. UltraSil 818 is thermally stable and has superior low temperature properties with excellent thermo-oxidative stability. Like other silicone lubricants, it is compatible with most plastics and elastomers.

BASE OIL CHARACTERISTICS		TYPICAL VALUE *
<b>Type</b>		Silicone
<b>Temperature Service Range (°C)</b>		-50 to 150
GREASE CHARACTERISTICS		TYPICAL VALUE *
<b>Thickener</b>		Lithium
<b>Color</b>		White
<b>Appearance</b>		Smooth
<b>NLGI Grade</b>		1 to ½
<b>Penetration</b> (ASTM D217 / DIN 51804-T1)	Unworked	320-350
<b>Dropping Point (°C)</b> (ASTM D2265 / DIN ISO 2176)		210 min.
<b>Oil Separation</b> (ASTM D6184)	24h at 100°C	2% max.
<b>Evaporation</b> (CTM-1)	24h at 100°C	0.5% max.
<b>Water Washout</b> (ASTM D1264 / DIN 51807-T2)	60 min at 38°C	1.7%
<b>Copper Corrosion</b> (ASTM D130 / DIN 51811)	24h at 100°C	1b

### Engineered Custom Lubricants

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