



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