



Innovation and Experience at Work

UltraSil 1157

UltraSil 1157 is silicone grease prepared from special lithium thickening agent and fortified with polytetrafluoroethylene thickening agent for improved lubricity. This grease is recommended for metal-on-plastic and plastic-on-plastic applications. UltraSil 1157 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
Penetration (ASTM D217 / DIN 51804-T1)	Unworked	384
	Worked	60X 401
Dropping Point (°C) (ASTM D2265 / DIN ISO 2176)		>210
Oil Separation (ASTM D6184)	24h at 100°C	2.2%
Evaporation (CTM-1)	24h at 100°C	0.02%
Copper Corrosion (ASTM D130 / DIN 51811)	24h at 100°C	1b
Four Ball Wear (ASTM D2266 / DIN 51350-T5)	60 min 1200 RPM 75°C 40kgf	1.82mm
	Dynamic Coefficient of Friction (steel on steel)	0.048
Oxidation Stability (ASTM D942 / DIN 51808)	168h at 100°C	1.7 kPa

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3851 Exchange Ave. • Aurora, IL 60504 • T: 630.449.5000 • F: 630.585.0050 • E: customerservice@eclube.com • www.eclube.com

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