

UltraSil 475

UltraSil 475 is a wide temperature, transparent silicone grease that is intended for applications that could have exposed grease, but grease visibility is not desired. Its clear consistency makes it difficult to detect visually on most surfaces. This grease also possesses outstanding cold temperature capabilities, has very low evaporation and is compatible with most plastics and elastomers.

BASE OIL CHARACTERISTICS		TYPICAL VALUE *
Type		Silicone
Temperature Service Range (°C)		-50 to 200
GREASE CHARACTERISTICS		TYPICAL VALUE *
Thickener		Silica
Color		Clear
Appearance		Smooth
NLGI Grade		1.5
Penetration (ASTM D217 / DIN 51804-T1)	Unworked	298
	Worked	302
Dropping Point (°C) (ASTM D2265 / DIN ISO 2176)		260 min.
Oil Separation (ASTM D6184)	24h at 100°C	0.10%
Evaporation (CTM-1)	24h at 100°C	0.06%
Water Washout (ASTM D1264 / DIN 51807-T2)	60 min at 41°C	0.70%
Water Washout (ASTM D1264 / DIN 51807-T2)	60 min at 79°C	1.31%
Specific Gravity (CTM-2)	25°C	0.98
Four Ball Wear (ASTM D2266 / DIN 51350-T5)	15 min, 1200 RPM, 25psi, 75°C, 40kg	1.27mm
	Dynamic Coefficient of Friction (steel on steel)	0.300
Apparent Viscosity (Brookfield Viscometer T-C spindle 1 rpm)	-40°C	1,500,000 cP

*The values stated in this Product Data Sheet are Typical Values and **must not** be used as QC Specifications for this product. Please contact the Global Technical Services department for QC specifications for this product.