

FILL FLUID SPECIFICATIONS – SYLTHERM XLT SILICONE

Temperature Limits:

At Atm Pressure: -73 to 149°C (-100 to 300°F)

Viscosity at 25°C(77°F): 1.6 cs

Specific Gravity @ 25°C(77°F): 0.85

Coefficient of Thermal Expansion: 0.001198 cc/cc/C (0.00066 cc/cc/F)

Chemical Name: Dimethyl Polysiloxane

CAS Number: 063148-62-9

Description/ Applications: Syltherm XLT is a low viscosity silicone fluid used specifically for cold temperature applications. It has been reported to work satisfactorily for cryogenic applications down to -87°C(-125°F). The published freeze point for Syltherm XLT is -111°C(-168°F).

SYLTHERM XLT VAPOR PRESSURE RESULTS

