

# **HEAT TRANSFER FLUID 710**

# **Technical Data Sheet**

# - BRIEF DESCRIPTION -

Silicone Heat Transfer Fluid 710 is a Dimethyl-Diphenylsiloxane silicone fluid designed for use as a high temperature bath fluid or high temperature heat transfer fluid. The working temperature range for silicone bath fluid is 25°C to 250°C (open system) and 25°C to 300°C (closed system) The fluid viscosity is 400cSt.

## - MATERIAL DESCRIPTION -

Appearance: clear, colorless, odorless fluid Viscosity (cSt @ 25°C) 400
Refractive Index (@25°C) 1.505
Specific Gravity(@25°C) 1.07
Flash Point (°C, Open Cup) 315
Max. volatility (% wt loss 24 hours @150°C) 0.3

#### -CHARACTERISITICS

Excellent high temperature performance. High oxidation resistance, low vapor pressure, and non-flammable. Not recommended for silicone O-rings where fluid may cause swelling.

## - STORAGE -

Store in a sealed container at temperatures between 5 °C and 30 °C. Silicone Heat Transfer Fluid has a prolonged shelf life.

### -APPLICATIONS-

High temperature baths including open and closed systems. High temperature circulating baths, high temperature heat transfer baths.

#### **PACKAGING**

1 gallon (3.8L)

#### - AVAILABILITY –

<u>Item</u> <u>Foxwest Sales Cat. No.</u>

1 gallon 2301

For Additional Technical Information call Foxwest Sales, Inc. Customer Service Hotline at (800) 332-6647

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