

PRODUCT SPECIFICATIONS & TECHNICAL DATA

PETROFLO BRAND HEAT TRANSFER OILS

PETROFLO BRAND HEAT TRANSFER OILS are formulated from very stable paraffinic base oils that are fortified with noted high temperature oxidations inhibitors. **PETROFLO BRAND HEAT TRANSFER OILS**, high viscosity index coupled with a low pour point offers excellent circulation during cold weather start-ups, eliminated over heated pump motors, and protects against hot spots (high fluid temperature in the heat exchanger).

Other advantages are;

- Low vapor pressure at elevated temperatures and a high boiling point to prevent pressure build-up;
- Low carbon residue;
- Non-foaming and excellent demulsibility

Application: **PETROFLO HEAT TRANSFER OILS** can be used in open and closed installations where temperature ranges are outlined below.

- **PETROFLO HTO 100:** Closed Systems (-15° C to 285° C), Open Systems (-15° C to 150° C)
- **PETROFLO HTO 150:** Closed Systems (-12° C to 315° C), Open Systems (-12° C to 180° C)
- **PETROFLO HTO 300:** Open systems (-6°C to 250°C)
- **PETROFLO HTO 400:** Open systems (-6°C to 275°C)

Typical Properties

PETROFLO HTO	100	150	300	400
Viscosity,				
cSt @ 40°C	20.1	30.3	112	495
cSt @ 100°C	4.1	5.3	11.5	31.5
Pour Point, °C.	-15	-12	-6	-6
Flash Point, °C.	195	235	255	295
Specific Gravity @15 °C kg/l,	0.841	0.861	0.878	0.903

The above analyses are typical inspections only and the finished product may vary from batch to batch.