

## FORCE HEAT TRANSFER OIL

### DESCRIPTION

FORCE HEAT TRANSFER OIL is a high quality heat transfer oil with good thermal and oxidant stability, suitable for use in a closed heat transfer system with bulk operating temperatures up to 360°C, or max up to 300°C for open system which is not equipped with inert gas to maintain heat transfer fluids as liquid.

FORCE HEAT TRANSFER OIL has a relatively low viscosity and a good viscosity to temperature characteristic which provides a high heat transfer coefficient.

### APPLICATION

FORCE HEAT TRANSFER OIL was recommended for both open type and closed type heating system. Recommended operating temperature range maximal 300°C in the open system and up to 360°C in the closed system.

### BENEFITS

- Minimize forming deposit
- Prevent Oxidation
- High Viscosity Index

### TYPICAL RESULT

Characteristics	Test Method	FORCE HEAT TRANSFER OIL		
		32	46	68
Viscosity Kinematic, at 40°C, cSt	ASTM D - 445	32.15	46.3	65
at 100°C, cSt	ASTM D - 445	4.35	6.6	8.3
Viscosity Index	ASTM D - 2270	107	104	101
Specific density, 15 °C	ASTM D - 4052	0.8711	0.877	0.881
Color	ASTM D - 1500	0.5	< 1.0	< 1.0
Flash Point (COC), °C	ASTM D - 92	231	233	243
Pour Point, °C	ASTM D - 97	-12	-9	-9