





# SHIELD HEAT TRANSFER OIL

### DESCRIPTION

Shield's Heat Transfer Oil is a premium quality lubricating oil blended using premium quality virgin base oil and specially selected additives and carefully selected anti-oxidants. The oil has excellent thermal and oxidation stability, low volatility and low vapor pressure to give a long and trouble-free service life in heat exchanger systems.

### FEATURES

-  High flash point and low vapor pressure
-  Effective anti-foaming properties
-  Outstanding rust & corrosion protection
-  Excellent heat transfer properties
-  Good low temperature fluidity
-  For use in heat transfer systems

### PERFORMANCE LEVELS:

- ISO 6743-12Q

### APPLICATIONS:

Shield's Heat Transfer Oil is recommended for well designed heat transfer systems and should be used only in systems with forced circulation. The maximum operating temperature is up to 180 °C.

### TYPICAL PHYSICAL PROPERTIES

SL#	Characteristics Unit	Test Method	ISO 30
1	Viscosity @ 40°C, cSt	ASTM D 445	34.0
2	Viscosity @ 100°C, cSt	ASTM D 445	5.57
3	Viscosity Index	ASTM D 2270	100
4	Flash Point COC, °C	ASTM D 92	220
4	Pour Point, °C	ASTM D 97	-18

\* Exact specifications may slightly vary from the above, but within the international standards