



WIN HEAT TRANSFER OIL

Heat Transfer Oil

WIN HEAT TRANSFER OIL 46 is formulated from carefully selected paraffinic base stocks used for heat transfer systems. It has excellent oxidation and thermal stability and able to withstand decomposition.

BENEFITS

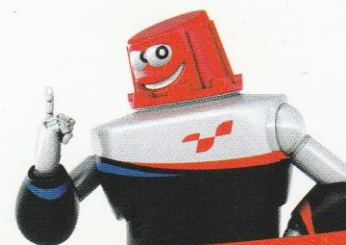
WIN HEAT TRANSFER OIL provides the following benefits:

- * Resistance to high-temperature degradation, thus preventing deposit and sludge formation.
- * Prevents deposit and sludge formation during operation, while the superior quality level ensures thermal stability up to temperatures where cracking starts
- * Good demulsibility and air-separation performance, thus ensuring proper operation of the heat transfer by preventing the formation of steam and air bubbles at the hottest points.
- * The heat transfer characteristic of the oil remain practically unchanged while in service, due to the very good oxidation resistance of the oil and their high temperature stability

APPLICATIONS

WIN HEAT TRANSFER OIL 46 is recommended for all 'open' or 'closed' type units with :

- * Maximum boiler outlet temperature of 305 C
- * Maximum boiler wall temperature of 320 C





TYPICAL CHARACTERISTICS

WIN HEAT TRANSFER OIL

ISO VG	46
Viscosity,	
at 40 deg C, cSt	46.68
at 100 deg C, cSt	7.21
Viscosity Index	115
Pour Point, deg C	-12
Flash Point, COC, deg C	226
Specific Gravity, 15/15 deg	0.8586
Auto ignition Temperature, deg C	330
Expansion Coefficient, per deg C	0.0007
Physical & Thermal Properties at 260 deg C	
Density, kg/L	0.70
Dynamic Viscosity, cP	0.8
Specific eat, kcal/kg/deg C	0.65
Thermal Conductivity, kcal/m/hr/deg C	0.10
Vapour Pressure, mmHg	25

