

ADVANTAGE HEAT TRANSFER OILS

OVERVIEW

ADVANTAGE HEAT TRANSFER OILS are severely refined mineral base stocks specifically formulated for efficient heat conduction, excellent thermal and superior oxidation stability. They are designed for use in closed system boilers and other transfers systems equipped with expansion tanks where temperature do not exceed 600° F.

FEATURES & BENEFITS

ADVANTAGE HEAT TRANSFER OILS impart highly efficient heat conduction and excellent thermal and oxidation stability properties along with viscosities to maximize liquid-phase startup temperature transitions based on their design. These fluids are non-corrosive and will minimize coking and varnish build up due to their inherent lack of impurities and targeted formulation design.

APPLICATIONS

ADVANTAGE HEAT TRANSFER OILS are designed for closed loop transfer systems only. Do not attempt to use **ADVANTAGE HEAT TRANSFER OILS** in an open, vented, or partial exposed system. Rapid product degradation and system failure will occur.

General Use Guidelines

ADVANTAGE HEAT TRANSFER OILS provide trouble-free service in systems with an *optimal* operating temperature range of 250°-300° F.

ADVANTAGE HEAT TRANSFER OILS provide trouble-free service in systems with a *normal* operating temperature range of to 500° F.

ADVANTAGE HEAT TRANSFER OILS should not be used in systems where the maximum continuous film temperature exceeds 550° F.

ADVANTAGE HEAT TRANSFER OILS should not be used in systems where any points may reach temperatures of 600° F or greater.

TYPICAL PROPERTIES

PRODUCT CODE	1281	1244	160	165
Product	HTO 22	HTO 21 (32/46)	HTO 46	HTO 68
Viscosity, cSt @ 100°C	3.8	6.2	7.0	8.6
Viscosity, cSt @ 40°C	22	40	46	68
Viscosity, SUS @ 100 °F	100	200	250	350
Viscosity Index	109	100	109	96
Flash Point, °C	190	225	230	240
Pour Point, °C	-17	-13	-15	-12
Color	0.5	0.5	1.0	2.0
Conradson Carbon, %	Nil	Nil	Nil	Nil