



Product Data Sheet



Royal Heat Transfer Oil

Heat Transfer Oil

PRODUCT DESCRIPTION:

Heat Transfer Oil is specially formulated with excellent oxidation stability and exceptional resistance to thermal decomposition. Special additives reduce the formation of deposits. The special thermal properties of *Heat Transfer Oil* permit a fast and efficient heat transfer.

Heat Transfer Oil can be used in open systems with expansion tank temperatures of up to 185°C (365°F) and in closed systems with expansion tank temperatures up to 315°C (600°F).

KEY FEATURES:

- Heat transfer properties
- Resistance to thermal decomposition

CUSTOMER BENEFITS:

- Fast and efficient
- Reduces deposit formation

APPLICATIONS:

For use in a wide variety heat transfer applications





Typical Properties

Heat Transfer Oil		
Product Number	650	Test Method
API	31.87	-
Specific Gravity	0.86615	ASTM D4052
Lbs/Gal	7.213	
Density	0.86566	
Flash Point °C	203	ASTM D92
Pour Point °C	-15	ASTM D97
Color	<3.5	ASTM D1500
Viscosity@100°C cSt	6.954	ASTM D445
Viscosity@40°C cSt	47.29	ASTM D445
Viscosity Index (VI)	103	ASTM D2270

Typical Properties are typical of those obtained with normal production tolerance and do not constitute essentially a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice.

Health and Safety:

When used for its intended application, this product is not expected to have any adverse health implications. For complete information on safe handling, as well as physical and chemical characteristics please refer to the Safety Data Sheet (SDS) found on our website, www.royalmfg.com, or call 918-584-2671. Do not use this product for purposes other than its intended use. Please be responsible to the environment when disposing of used product.

Packaging options:



Drums



Totes