

Custom Blend Heat Transfer Fluid



Product Description

D-A Custom Blend Heat Transfer Oil may be used in most major asphalt heaters and other types of heat transfer systems requiring a mineral oil as a medium for storing and transferring heat. It possesses excellent natural temperature stability when subjected to the temperatures encountered in most heater systems. It is not unusual for some heat transfer systems to operate at an oil temperature in excess of 400°F, which means that the heater tube walls themselves can be considerably hotter. The most important criteria of a heat transfer oil is temperature stability.

D-A Custom Blend Heat Transfer Oil provides the required temperature stability with a minimum of coking, which is the reduction of a petroleum product to carbon in an atmosphere devoid of oxygen. D-A's research indicates that the tendency of an oil to coke is dependent on the methods used to refine the base oil. D-A Custom Blend Heat Transfer Oil is produced from a carefully selected base oil that has been refined in such a manner as to provide maximum natural temperature stability and reduced coking.

Product Features and Benefits

Meets and exceeds the heater oil requirements established by the manufacturers of asphalt heaters, ideal for use in any heat applications

Contains extremely effective oxidation inhibitors for longer life and minimum coking.

Performance proven temperature stability means the oil won't break down under severe heat stress.

Compounded with high quality stable base stocks fortified with oxidation inhibitors and ashless detergent – dispersant to effectively retard the deposit of carbon (coking) on heater tubes.

Choice base oils and additives give the oil exceptionally low carbon forming tendencies for minimum tube coking.

Typical Applications

High temperature heat transfer systems; Asphalt Heaters

Any system using mineral oil as a medium for storing and transferring heat

Typical Properties

	Test Method	
Viscosity @ 100°C @ 40°C	ASTM D445	9.2
	ASTM D445	69
Viscosity Index	ASTM D2270	110
Flash Point, °F (°C)	ASTM D92	450 (232)
Fire Point, °F (°C)	ASTM D92	520 (271)
API Gravity	ASTM D287	29

D-A Part Number:

Bulk	58051
Tote – 330 Gal	58053
Drum – 55 Gal	58052