

Heat Transfer Oil No. 300™



Product Description

D-A **Heat Transfer Oil No. 300™** 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 high 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 **Heat Transfer Oil No. 300™** 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 **Heat Transfer Oil No. 300™** 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 application.

Contains extremely effective oxidation inhibitors for longer oil 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 inhibitor and ashless detergent-dispersant to effectively reduce 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

Heat Transfer Oil No. 300™	Test Method	
Viscosity		
@ 100°C, cSt	ASTM D445	7.35
@ 40°C, cSt	ASTM D445	53.7
Viscosity Index	ASTM D2270	96
Flash Point, °F (°C)	ASTM D92	455 (235)
Fire Point, °F (°C)	ASTM D92	520 (271)
API Gravity	ASTM D287	30.6
Carbon Residue of Blend		0.028%

D-A Part Number:

Bulk	58001
Tote – 330 Gal	58003
Drum – 55 Gal	58002
Pail (Plastic) – 5 Gal	58008