

# Heat Transfer Oil 22™



## Product Description

D-A Heat Transfer Oil 22™ may be used in all major asphalt heaters and other types of heat transfer systems requiring a highly stable 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 22™ 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 22™ is produced from a carefully selected base oil that has been refined in such a manner as to provide maximum natural temperature stability.

## Product Features and Benefits

Supports the heating oil performance 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 additives designed to effectively reduce the deposit of carbon (coking) on heater tubes, resulting in minimal tube fouling.

## Typical Applications

- High temperature heat transfer systems
- Residual fuel heating systems
- Asphalt heaters
- Any system using mineral oil as a medium for storing and transferring heat

## Typical Properties

ISO Viscosity	Test Method	22
Viscosity @ 100°C, cSt	ASTM D445	4.35
@ 40°C, cSt	ASTM D445	22
Viscosity Index	ASTM D2270	105
Flash Point, COC, °F (°C)	ASTM D92	374 (190)
API Gravity	ASTM D4052	31.6
Maximum System Temperature Closed System, °F (°C)		550 (288)
Open System, °F (°C)		340 (171)

### D-A Part Number:

Bulk	58041
Drum – 55 Gal	58042