



PURAMAX Heat Transfer Oils

PURAMAX Heat Transfer Oils are designed to meet the demanding oxidation requirements of circulating hot oil systems. They provide rapid and efficient transfer of heat and greater ease of circulation.

PURAMAX Heat Transfer Oils provide outstanding thermal stability and oxidation resistance at sustained operating temperatures up to 500°F. The product is non-corrosive to steel and copper resulting in longer service life for both the fluid and equipment.

APPLICATIONS

Typical applications include heating of asphalt and process chemicals commonly found in industrial applications and chemical plants. For use in both “open” and “closed” systems. The recommended maximum temperature range is 600°F – 665°F for closed systems and 400°F – 450°F for open systems.

FEATURES AND BENEFITS

- Outstanding thermal and oxidation stability for long service life
- High thermal conductivity for quick rates of heat transfer
- Non-corrosive to steel and copper
- Long life oil

PURAMAX Heat Transfer Oils	Typical Characteristics
ISO Grade	46
Gravity, °API	29.5
Flash Point, °F	440
Pour Point, °F	-0
Viscosity cSt @ 40°C	46.6
Viscosity cSt @ 100°C	6.7
Viscosity SUS @ 100°F	244
Viscosity SUS @ 210°F	49
Viscosity Index	95
<i>Properties @ 260°C/500°F</i>	
Heat Capacity, BTU/LB/°F	0.648
Viscosity, cSt	1.01
Vapor Pressure, mm/Hg	23
Specific Gravity	0.8789

Minor variations in test data are to be expected in normal manufacturing