



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	32	46	68
Gravity, °API	31.8	29.5	29
Flash Point, °F	405	440	480
Pour Point, °F	-5	-0	10
Viscosity cSt @ 40°C	32.2	46.6	63.9
Viscosity cSt @ 100°C	5.3	6.7	8.2
Viscosity SUS @ 100°F	166	244	353
Viscosity SUS @ 210°F	44	49	54
Viscosity Index	95	95	94
Properties @ 260°C/500°F			
Heat Capacity, BTU/LB/°F	0.716	0.714	0.692
Viscosity, cSt	0.84	0.91	1.03
Vapor Pressure, mm/Hg	10	8	6
Specific Gravity	0.695	0.709	0.711

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