

PURUS[®] HEAT TRANSFER OIL 46

DESCRIPTION: PURUS[®] Heat Transfer Oil 46 is a premium oil formulated from high quality paraffinic petroleum base oil to meet the demanding requirements of heat transfer circulating systems. This oil is ashless and non-corrosive which result in extended service life both for the fluid and equipment. PURUS[®] Heat Transfer Oil 46 has excellent thermal stability and exceptional oxidation resistance at sustained operating temperatures up to 500°F (260°C). The maximum recommended open system temperature is 400°F (204°C) and the maximum closed system temperature of 600°F (316°C), works well for asphalt users.

TYPICAL PROPERTIES*:	46
API Gravity @ 60 °F	29.6
Sp. Gr. @ 60 °F	0.8783
Flash, COC, °F	410
Pour Pt., °F	-30
Viscosity	
cSt @ 40 °C	46
cSt @ 100 °C	6.7
cSt @ 500 °F/260 °C,	0.98
SUS @ 100 °F	215
SUS @ 210 °F	48.1
Viscosity Index	95
Auto Ignition Temp., °F (°C)	640 (338)
Thermal Conductivity @ 500 °F/260 °C BTU/Hr/Ft ² /°F/Ft	0.067
Heat Capacity @ 500 °F/260 °C, BTU/lb/°F	0.656

*Due to continual product research and development, the information contained herein is based on products purchased in the U.S. and subject to change without notification. Typical properties may vary slightly.



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