



# SOIL HEAT TRANSFER OIL

SOIL HEAT TRANSFER OIL is super quality heat transfer oil blended from high viscosity index paraffinic base oils with selected additives package and anti-oxidation properties to enhance high temperature performance and stability. It gives outstanding performance to resist oxidation and high temperature degradation.

SOIL HEAT TRANSFER OIL is recommended both for open and inert gas blanketed close heat transfer systems. The maximum using temperature of this product is 220°C at the point where the oil is exposed to the air. It can be used up to 320°F in closed inert gas blanketed systems.

## BENEFITS

- Made from high viscosity index base oil
- Contains anti-wear and anti-rust properties
- Enriched with high temperature oxidation inhibitors
- Minimizes deposit formation
- Long fluid life.



## TYPICAL CHARACTERISTICS

TEST DESCRIPTION	METHOD	TYPICAL RESULTS			
ISO VISCOSITY GRADE	SAE J 300	32	46	68	100
Density at 15°C	ASTM D-4052	0.8589	0.8635	0.8691	0.8724
Flash Point, °C	ASTM D-92	220	225	230	240
Pour Point, °C	ASTM D-97	-27	-24	-21	-21
Kinematics Viscosity					
@40°C (cSt)	ASTM D-7042	32	46	68	100
@100°C (cSt)	ASTM D-7042	5.5	7.42	9.64	12.05
Viscosity Index	ASTM D-2270	112	112	110	110
Colour	ASTM D-1500	<0.5	<0.5	<0.5	<0.5

## PERFORMANCE STANDARDS

- DIN 51522
- ISO 6743-12
- GB 23971



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