

# PEAK HEAT TRANSFER 100

## HEAT TRANSFER FLUID

### DESCRIPTION & APPLICATION:

PEAK Heat Transfer Oil 100 is based on severely hydrocracked base oils chosen for their ability to resist thermal cracking and chemical oxidation at high temperatures, providing superior performance in heat transfer systems.

PEAK Heat Transfer Oil 100 provides extended oil life, provided efficient fluid heating and good pump circulation is ensured.

PEAK Heat Transfer Oil 100 is used in enclosed circulated heat transfer systems. It can be used in high temperature continuous heat transfer equipment with the following application limits:

Closed System: Maximum bulk temperature = 320°C

Open System: Maximum bulk temperature = 190°C

A well-designed heat transfer system along with oil condition monitoring can extend the life of the oil by many years.

### BENEFITS:

- Low viscosity delivers excellent fluidity and heat transfer over a wide temperature range.
- Good thermal and oxidation stability characteristics permit higher operating temperatures and provide long fluid life.
- Being non-corrosive with a relatively high solvency helps reduce deposit formation keeping internal surfaces cleaner for longer.
- Low vapour pressure minimises the formation of volatile decomposition products.

### PRODUCT SIZES:

PRODUCT CODE	PACK SIZE
PKIHT100020	20 Litre
PKIHT100205	205 Litre
PKIHT1001000	1000 Litre

### TYPICAL CHARACTERISTICS\*:

TEST	TYPICAL VALUE
Density 15° C g/cm <sup>3</sup>	0.874
Viscosity 40°C cSt	105
Viscosity 100°C cSt	11.7
Viscosity Index	99
Flash Point °C	>220

### SPECIFICATIONS & PERFORMANCE LEVEL:

- ✓ Meets DIN 51522 requirements

Health, safety and environmental information is provided on the Safety Data Sheet (SDS) for this product.

Published 24 January 2022

\* Typical characteristics are provided as a guide only and are subject to manufacturing tolerances. They however do not constitute any legal liability. Information is correct at time of publishing.

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