



# PEAK HEAT TRANSFER 46

## HEAT TRANSFER FLUID

### DESCRIPTION & APPLICATION:

PEAK Heat Transfer Oil 46 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 46 provides extended oil life, provided efficient fluid heating and good pump circulation is ensured.

PEAK Heat Transfer Oil 46 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 = 180°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.

### TYPICAL CHARACTERISTICS\*:

TEST	TYPICAL VALUE
Density 15° C g/cm <sup>3</sup>	0.866
Viscosity 40°C cSt	44.3
Viscosity 100°C cSt	6.8
Viscosity Index	108
Flash Point °C	>210

### SPECIFICATIONS & PERFORMANCE LEVEL:

- ✓ Meets DIN 51522 requirements

### PRODUCT SIZES:

PRODUCT CODE	PACK SIZE
PKIHT046020	20 Litre
PKIHT046205	205 Litre
PKIHT0461000	1000 Litre

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

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\* 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.

### PEAK LUBRICANTS PTY LTD

HEAD OFFICE: 224-230 South Gippsland Highway, Dandenong South VIC 3175

PHONE: 03 9799 0977 / TECHNICAL LUBELINE: 1300 722 256

EMAIL: tech@peakoil.com.au / WEB: www.peakoil.com.au

ABN: 74 8875 10101



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