

SBK HEAT TRANSFER OIL

Product Data Sheet

SBK Heat Transfer Oil is a premium quality thermal fluid formulated from highly refined mineral base oils and advanced oxidation inhibitors. It is designed for use in closed heat transfer systems operating at high temperatures. The oil provides excellent thermal stability, efficient heat transfer, low volatility, and extended service life while minimizing sludge and deposit formation.

PERFORMANCE, FEATURES & BENEFITS

- Excellent thermal and oxidation stability
- High heat transfer efficiency
- Reduced sludge and carbon deposits
- Long service life
- Low evaporation losses
- Superior corrosion protection
- Reliable operation at elevated temperatures

MAIN APPLICATIONS

- Industrial heat transfer systems
- Chemical and petrochemical plants
- Textile and dyeing machinery
- Asphalt and bitumen heating units
- Plastic and rubber processing equipment
- Heat exchangers and thermal oil heaters
- Food processing and manufacturing industries

SPECIFICATIONS & RECOMMENDATIONS

SBK Heat Transfer Oil is recommended for closed-loop heat transfer systems, heat exchangers, reactors, and industrial heating equipment in chemical, textile, and process industries operating up to 320°C.

PRODUCT SPECIFICATIONS

TEST PARAMETER	TEST METHOD	TYPICAL VALUE						
Grade	-	22	32	46	68	100	150	220
Appearance	Visual	C&B	C&B	C&B	C&B	C&B	C&B	C&B
KV @ 40°C	ASTM D445	22	32	46	68	100	150	220
KV @ 100°C	ASTM D445	4.3	5.3	6.7	8.6	11.1	14.6	19
Viscosity Index	ASTM D2270	≥ 95	≥ 95	≥ 95	≥ 95	≥ 95	≥ 95	≥ 95
Density @ 15°C	ASTM D4052	0.8545	0.8715	0.8753	0.8784	0.8811	0.8844	0.8868
Flash Point	ASTM D92	≥ 200	≥ 200	≥ 210	≥ 220	≥ 220	≥ 230	≥ 230
Pour Point	ASTM D97	-12	-9	-9	-9	-9	-9	-9

* Note: Typical value; may vary slightly. Please contact your SBK representative for the current batch COA (Certificate Of Analysis)