



PRODUCT DATASHEET

SPC HEAT TRANSFER OIL 3A

Heat Transfer Oil

SPC HEAT TRANSFER OIL 3A is formulated from selected paraffinic base stocks for heat transfer systems. It has excellent oxidation, antirust and thermal stability and is able to withstand decomposition.

BENEFITS

SPC HEAT TRANSFER OIL 3A provides the following benefits:

- Resists to high-temperature degradation.
- Prevents deposit and sludge formation during operation.
- Maintains good demulsibility and air-separation performance.
- Prevents the formation of steam and air bubbles at the hottest points.
- Exhibits good oxidation resistance and high temperature stability.

APPLICATIONS

SPC HEAT TRANSFER OIL 3A is recommended for all “open” or “closed” system with:

- Maximum operating temperature for open systems is 200⁰C.
- Maximum operating temperature for closed systems (sealed with cold oil or inert gas) is 320⁰C.

CAUTION

When starting-up a new unit or restarting an existing unit after maintenance and also in the case of irregular operation at normal temperature caused by residual moisture in the oil, the temperature of the unit should be reduced to around 100⁰C. All steam should be blown off before returning to the normal working temperature.

TYPICAL CHARACTERISTICS

SPC HEAT TRANSFER OIL 3A

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| Viscosity, Kinematic | |
| at 40 ^o C, cSt | 29.7 |
| at 100 ^o C, cSt | 5.3 |
| Viscosity index | 108 |
| Specific Gravity, 15/15 ^o C | 0.869 |
| Flash Point, COC, ^o C | 215 |
| Pour Point, ^o C | -12 |

The above figures are typical of current production and do not constitute a specification. Minor variations may occur.