

# HEAT TRANSFER OIL 32

## Heat Transfer Oil

### Description

Long life heat transfer fluid for industrial applications.

### Applications

It is produced with reined paraffin base oils. It does not have any corrosive effect on steel and copper and performs remarkable thermal stability and oxidation resistance. It can be safely used for close and open systems up to 315 °C and 200 °C temperatures, respectively. It has high specific heat and thermal conductivity. Its volatility is low, featuring good performance at low temperatures.

### Benefits

- Ensures operation at high temperatures, due to its high thermal stability.
- Extends service life due to its high oxidation resistance.
- Maintains its heat transfer conductivity and system efficiently.
- Performs remarkable endurance at elevated temperatures, without formation of any residue.
- Ensures ease of operation at low temperatures.
- Provides excellent protection of the systems against corrosion.

### Typical Specifications\*

|                                       |            |       |
|---------------------------------------|------------|-------|
| ISO Viscosity Grade                   |            | 32    |
| Density, 15 °C, kg/liter              | ASTM D4052 | 0,880 |
| Flash Point COC, °C                   | ASTM D92   | 220   |
| Flash Point PMCC, °C                  | ASTM D93   | 210   |
| Viscosity, 40 °C, mm <sup>2</sup> /s  | ASTM D445  | 32    |
| Viscosity, 100 °C, mm <sup>2</sup> /s |            | 5,36  |
| Viscosity Index                       | ASTM D2270 | 100   |
| Pour Point, °C                        | ASTM D97   | -12   |

\* Values shown may differ between productions.



