

# MT-300 OM

## Heat transfer oil

### DESCRIPTION

The oil is used as heat-transfer agent in closed-loop systems where hot fluid does not come into contact with outside air, with forced circulation at operating temperature not higher than 300°C. It retains and regulates high operating temperature (i.e. at chemical fiber plants and other industrial applications). Produced from feedstock with high content of aromatic hydrocarbons that ensures oil thermal stability.

### BENEFITS

- High thermal and oxidation stability minimizes the formation of decomposition and thickening products;
- Low viscosity grade promotes free recirculation of the heat-transfer agent and easy start of heating equipment;
- Little toxicity minimizes attack on system components

### TYPICAL PROPERTIES

Viscosity, cSt @ 100°C	5.60
Fractional composition: <ul style="list-style-type: none"> <li>• 5% distilled at, °C</li> <li>• 95% distilled at, °C</li> </ul>	358 438
Refractive Index @ 20°C	1.5418
Flash Point, PMCC, °C	178
Flammability, °C	352
Pour Point, °C	-28
Acid Number, mg KOH/g	0.09
Water Content, % mass	NO
Insolubles, % mass	NO
Density @ 20 <sup>0</sup> C, g/cm <sup>3</sup>	0.958

Manufacturer: Gazpromneft Omsk Lubricants Plant, 1 Pr. Gubkina, Omsk 644040 Russia. TU 38.301-19-103-2001

While the information and figures given here are typical of current production and conform to specification. Minor variations may occur. No warranty expressed or implied is given concerning the accuracy of the information or the suitability of the products.

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