

## TECHNICAL DATA SHEET

### Heat transfer fluid M-GREEN

(Based on Monoethylene glycol MEG)

№	Description of characteristics	Standards under ASTM D5372 - 17	Typical results
1	Appearance	Homogenous transparent colored liquid without mechanical impurities	<i>Homogenous transparent liquid of red color without mechanical impurities</i>
2	Density at 20°C, g/sm <sup>3</sup> , not less	1,100	1,116
3	Chilling temperature, °C, not more	Minus 30	Minus 37
4	Resistance to hard water	Without deposition and sediment	Stable
5	Boiling temperature at 101.3kPa, °C, not less	120	122
6	Alkalinity, cm <sup>3</sup> , min ml	10	5
7	Foaming: -foam amount within 5 min at 88 °C, sm <sup>3</sup> , not more -foam extinguishing time, s, not more	30 5	14-15 2-3
8	pH index, at 20 °C within	7,5-10,5	8,8
9	Corrosion effect on metals and alloys (metal sample mass change), g/m <sup>2</sup> day, not more - copper - solder - brass - aluminum - cast iron - steel	0,1 0,2 0,1 0,1 0,1 0,1	0,05 0,18 0,06 0,04 0,07 0,02
10	Effect on standard rubber samples at (100±2)°C within (72±2) hours., %, not more - mark 5006 - mark 7011	5 5	3,0 1,3
11	Mechanical impurities content, % wt., not more	0,03	Absent

Heat transfer fluid **M-GREEN** manufactured by UAB "GREENLAB SOLUTIONS" meets technical requirements  
ASTM D5372 – 17

Guaranteed shelf life – 5 years