

# OIL NERSON

## HEAT CONDUCTOR 315

INDICATORS	TEST METHOD	VALUE
Kinematic viscosity, mm <sup>2</sup> /s: - at 40°C - at 100°C	GOST 33	20,71 4,525
Flash point in an open crucible, °C	ASTM D 92	217
Pour point, °C	GOST 20287	-32
Viscosity index	ASTM D 2270	136
Density at 20 °C, kg/cm <sup>3</sup>	GOST 3900	827
Acid number, mg KOH/g	GOST 32327	0,021
Autoignition temperature, °C	GOST 30852.5-2002	322
Water content mass, %, not more	GOST 2477	—
Mass fraction of solids %	GOST 6370	—
Corrosion effect on a copper plate of grade M1 to GOST 859 (3h at 100°C ), points	GOST 2917	1a

The values of the physical and chemical parameters given are typical for currently manufactured products. In the future, they may be changed in accordance with the requirements of the BIG MOTORS, LLC specification.

### DESCRIPTION:

Heat Conductor 315 is made from natural synthetic base oils and additives to provide the beneficial properties of a heat transfer fluid.

### APPLICATION:

Heat Conductor 315 oil must be used in accordance with the operating instructions of the equipment. It is intended for use as a heat carrier in closed high-temperature heating systems (excluding hot oil contact with air) or in combined heating and cooling systems with forced circulation in equipment of various industries. The maximum permissible oil temperature during intensive forced circulation in long-term operation is up to 315°C. It is forbidden to use Heat Conductor 315 oil in convection circulation systems, as they do not provide enough circulation to prevent localized overheating and rapid deterioration of the oil. In addition, the oil is not recommended for use in open systems where hot oil may come into direct contact with air.

### SPECIFICATION:

DIN 51522

### PACKAGING:

205L.

