

AEON 500

TECHNICAL DATA SHEET

PHYSICAL PROPERTIES

<i>Characteristic</i>	<i>Method Reference</i>	<i>Typicals</i>
Density, kg/L @ 15°C	ASTM D4052	0.871
Color	ASTM D1500	<0.5
Kinematics Viscosity cSt @ 40°C	ASTM D0445	100.9
Kinematics Viscosity cSt @ 100°C	ASTM D0445	11.2
Saybolt Universal Viscosity at 100°F	ASTM D2161	527
Saybolt Universal Viscosity at 210°F	ASTM D2161	65
Viscosity Index	ASTM D2270	97
Total Acid Number, mg KOH/g	ASTM D0664	0.3
Flash Point, COC, °C	ASTM D0092	260
Fire Point, COC, °C	ASTM D0092	288
Pour Point, °C	ASTM D0097	-18
Mechanical Emulsion, 82°C, mL water, (min)	ASTM D1401	43-37-0 (15)
Foaming Characteristics, mL, Sequence 1	ASTM D0892	10/0
Foaming Characteristics, mL, Sequence 2	ASTM D0892	20/0
Foaming Characteristics, mL, Sequence 3	ASTM D0892	10/0
Rust, Procedure A, 24 h	ASTM D0665	Pass
Rust, Procedure B, 24 h	ASTM D0665	Pass
Oxidation Stability, 24h, 200°C	IP048	
% Vis. Increase @ 40°C	IP048	20
ΔTAN	IP048	2.0
Conradson Carbon Residue %	ASTM D0189	0.03