



### ASTM D396-Heating Oil Specification

Property	ASTM Method	Limits	Units
Flash Point	D93	38 min.	°C
Water and Sediment	D2709	0.050 max	% vol.
Kinematic Viscosity, 40°C	D445	1.9 - 3.4	mm <sup>2</sup> /sec.
Ash	D482	-----	% mass
Sulfur (Grade No.2)	D129	0.50 max.	% mass
Sulfur (Grade No. 2 Low Sulfur)	D2622	0.05 max.	% mass
Copper Strip Corrosion	D130	No. 3 max.	
Cetane	D613	-----	°C
Pour Point	D97	-6	°C
Cloud Point or LTFT/CFPP	D2500 D4539/D6371	----- -----	% mass
Density, 15°C	D1298	876	kg/m <sup>3</sup>
Ramsbottom Carbon Residue	D524	0.35 max.	mg KOH/gm
Cetane Index or Aromaticity	D976 D1319	----- -----	% vol.
Distillation Temperature, 90% Recovered	D86	282-338	°C