

Product Specification Sheet

**Non-Road Locomotive Marine Diesel Fuel
#1 S500**

<u>Test</u>	<u>Units</u>	<u>Specification</u>	<u>Test Method</u>
Saybolt Color, Min.	Code	Degrees C (F) +14	D156
Gravity, Min.	API	39	D4052
Flash Point, Min.	Celsius	38 (100)	D56
Cloud, Max.	Celsius	-48.5 (-55)	D5771
Gross Btu, Min.	Btu/lb	18,000	D4868
Btu Gross, Min	Btu/Gallon	Report	D4868
Viscosity, @ 104 Deg F	cSt	1.3 - 2.4	D445
Distillation, Auto			
IBP	Celsius	Report	D86
10% Recovery, Max	Celsius	Report	D86
20% Recovery	Celsius	Report	D86
50% Recovery	Celsius	Report	D86
90% Recovery, Max	Celsius	288 (550)	D86
Final Boiling Pt	Celsius	Report	D86
Copper Strip Corrosion, Max	Code	3	D130
Ash, Max.	Mass %	0.01	D482
Total Sulfur, Max	wt%	0.05	D4294
Cetane Index, Procedure A, Min	Number	40	D4737
Cetane Index, Min	Number	40	D976
Ramsbottom Carbon Residue on 10% distillation Residue, Max.	Mass %	0.15	D524
Water and Sediment, Max	Vol. %	0.05	D2709
Lubricity, HFRR @60 degree C, Max	Micron	520	D7688