



ASTM D975-Diesel Fuel Specification

Property	ASTM Method	Limits	Units
Flash Point	D93	52 min.	°C
Water and Sediment	D2709	0.050 max	% vol.
Kinematic Viscosity, 40°C	D445	1.9 - 4.1	mm ² /sec.
Ash	D482	0.01 max.	% 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	40 min.	°C
Pour Point	D97	-----	°C
Cloud Point or LTFT/CFPP	D2500 D4539/D6371	Depends on location Depends on location	% mass
Density, 15°C	D1298	-----	kg/m ³
Ramsbottom Carbon Residue	D524	0.35 max.	mg KOH/gm
Cetane Index or Aromaticity	D976 D1319	40 min. 35 max.	% vol.
Distillation Temperature, 90% Recovered	D86	282-338	°C
Lubricity, HFRR @60°C	D6079	520 max	microns

There is no requirement for low temperature operability in ASTM D975, only guidance.