



U. S. Oil & Refining Co.

3001 Marshall Avenue, Tacoma, Washington, 98421 (253) 383-1651

Stove Oil Product Specification

Tests	ASTM Method	Specifications	
		Min.	Max
Doctor Test	D 4952		Negative
Mercaptan sulfur, mass %, or Doctor Test	D 3227		0.003 ¹
Sulfur, mass %	D 4294		0.50
Distillation - 10% Recovered, °C	D 86		205
Distillation - 90% Recovered, °C	D 86		300
Flash Point, PMCC, °C	D 93	38	
Density @ 15°C, kg/m ³	D 4052	775	840
API gravity @ 60°F, °API	D 4052	36.8	51.0
Freezing Point, °C	D 2386		-30
Viscosity @ 40°C, mm ² /s	D 445		2.0
Corrosion, Copper Strip, 3h @ 100°C	D 130		1B
Carbon -Residue on 10% dist, mass %	D 4530		0.1
Ash, mass %	D 482		0.01

1) The Mercaptan sulfur determination may be waived if the fuel is considered negative by the doctor test described in the ASTM specification D4952