

YM Grade of #1 Ultra Low Sulfur Diesel Fuel Specifications

Product Property	Method	Minimum	Maximum	Deliveries ^{1/}
Gravity, °API	D287	35.0		
Distillation ^{4/}	D86, D2887			
10% Recovered, °F			419	
90% Recovered, °F			550	
Copper Corrosion	D130	1		
Cetane				
Cetane Number	D613	40.0		
Or				
Cetane Index, A or B	D4737	40.0		
Cetane Index ^{2/}	D976	40		
Flash Point, °F	D93	108	160	100
Carbon Residue on 10% Bottoms, wt %	D524		0.15	
Pour Point, °F	D97	-25		
Viscosity at 104 °F, cSt	D445	1.3	2.1	
Ash, wt %	D482		0.01	
Haze Rating ^{3/}	D4176		2	3
NACE Corrosion	TM172, D7548	B+		
Sulfur, ppm	D2622		12	
Mercaptan Sulfur, wt% ^{5/}	D3227		0.0004	

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Foot Notes:

- 1/ Delivered products meet all applicable requirements at time and place of delivery and the product transfer documents will include the sulfur per-gallon standard that the fuel meets per 40 CFR 1090.1165(a)(1) and an accurate and clear designation of the fuel per 40 CFR 1090.1165(a)(2).
- 2/ ASTM D976 used to demonstrate aromatics compliance per 40 CFR 1090.305.
- 3/ Compliance with ASTM D4176 will be determined using Procedure 2 at 77 °F or tank temperature at the time of sampling, whichever is lower.
- 4/ ASTM D2887 Simulated Distillation results must be reported after D86 correlation.
- 5/ Mercaptan Sulfur determination is waived if the result of the Doctor Test ASTM D4952 is negative

Notes:

- YM complies with the ULSD standards of 40 CFR 1090.305.
- YM is designated as ULSD in accordance with 40 CFR 1090.1115.

Additional Requirements:

Biodiesel: The presence of biodiesel is prohibited.

Dyes: X Grade shipments may not be dyed.