



QUÍMICA LOGISTICS
Seguridad & Eficiencia

Diesel Fuel S15 No.2-D For Mexico Destination Specification

Product Property	Units	Limit	Values	Method	Note	Sner (a.) Source
Composition						
Cetane Index		MIN	48	D976		Mexico
Cetane Index (Four Variable)		MIN	48	D4737		Mexico
Total Sulfur	ppmw	MAX	15	D2622, D5453		ASTM
Aromatic Content	wt. %	MAX	30	D1319, D5186		Mexico
Polycyclic Aromatics	wt. %		Report	D5186		Mexico
Volatility						
Distillation 10% Recovery	°F	MAX	527	D86		Mexico
Distillation 50% Recovery	°F		Report	D86		Mexico
Distillation 90% Recovery	°F	MIN MAX	540 640	D86		ASTM
Flash Point	°F	MIN	126	D93		ASTM
API Gravity	°API		Report	D4052		FHR
Fluidity						
Viscosity	cSt@104 °F	MIN MAX	1.9 4.1	D445		ASTM
Cloud Point	°F	MAX	Nov - Mar +20 April, Oct +30	D5771, D5773 or D2500		ASTM/FHR
Pour Point	°F	MAX	Nov - Feb +23 Mar - Oct +32	D5771, D5773 or D2500		Mexico
Corrosion						
Copper Strip (3 hrs @122 °F)		MAX	1	D130		FHR
Contaminants						
Appearance					b.	ASTM
Haze	Haze@Ambient	MAX	< 3	D4176		FHR
Water & Sediment	vol. %	MAX	0.05	D2709		ASTM
Color, ASTM		MAX	2.5	D1500		Mexico/FHR
Ash	wt. %	MAX	0.01	D482		ASTM
Carbon Residue (10% Btms)	wt. %	MAX	0.25	D524		ASTM
Thermal Stability	300 °F, Pad Rating	MAX	7	DuPont		FHR
Conductivity						
Conductivity	pS/m	MIN	25	D2624		ASTM
Lubricity						
HFRR	microns @60 °C	MAX	520	D6079		ASTM

Notes

- a. ASTM specification source is D975 "Standard Specification for Diesel Fuel Oils".
- b. Free of sediment and water as per ASTM D-975.

Issue Date: 8/30/2016

Approved by: Rob Sanders

Nature of Change:

New Specification

Uncontrolled if Printed