

Preliminary Product Specification

<p>Fischer-Tropsch diesel fuel is a highly paraffinic synthetic product that meets all requirements of ASTM D975 Diesel Fuel Oil when properly additized. It can also be blended with conventional diesel fuel in all proportions. F-T diesel fuel is sulfur and aromatics free, is non-toxic and biodegradable. It reduces engine exhaust emissions and is compatible with all emission control devices.</p>					
Typical Physical Characteristics	Units	Test Method	Specification Value	Typical Value	Sample Properties
Flash Point	°C, min	D93	38	40	59
Water and Sediment	% vol, max	D2709	0.05	0.01	<0.01
Distillation Temperature, 90% vol recovered	°C, min	D86	282	282	325
	°C, max		338	338	326
Kinematic Viscosity @ 40°C	mm ² /S, min	D445	1.9	2.1	1.96
	mm ² /S, max		4.1		
Ash	% max	D482	0.01	<0.01	<0.01
Sulfur	ppm, max	D5453	15	<15	<15
Copper Strip Corrosion Rating	max	D130	No. 1	No. 1	No.1
Cetane Number	min	D613	40	65	70.1
Cetane Index	min	D976	40	65	69
Aromaticity	vol %, max	D1319	35	<5	<5
Cloud Point	°C, max	D2500	Region specific	-5	-72
LTFT/CFPP	°C, max	D4539/D6371	Region Specific	-5	<25
Ramsbottom carbon residue on 10% distillation residue	% mass, max	D524	0.35	<0.01	<0.01
Lubricity, HFRR @ 60°C	micron, max	D6079/D7688	520	ND(1)	ND(1)
Conductivity	pS/m, min	D2624/D4308	25	>25	>25

No data available for this material. Fischer-Tropsch diesel products routinely require a lubricity additive.

About Us:

Emerging Fuels Technology (EFT) is a technology company focused on methods for producing synthetic fuels and specialty products from a variety of feedstocks such as natural gas, biogas, biomass, municipal solid waste (MSW), sources of CO₂ and bio-derived oils. EFT is one of the world's foremost authorities on Fischer-Tropsch (FT) and related synthesis, licensing the core technologies and upgrade packages for projects from 50 to 10,000 barrels per day. www.emergingfuels.com

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