

Product Name: NiQuan CAF™ Blendstock

Product Category: Clean Aviation Fuel



NiQuan Energy
CLEAN ENERGY FUELING A CLEANER WORLD

Description:

NiQuan Clean Aviation Fuel™ Blendstock (NiQuan CAF™) is a clean, non-toxic, essentially zero sulfur, biodegradable kerosene blend stock that is highly paraffinic and meets all requirements of the ASTM D7566 Annex 1 specifications.

NiQuan CAF™ Specifications

Typical Physical Characteristics	Units	Test Method	Specification Value
Annex 1 Table A1.1			
Acidity	Total KOH/g	D3242	Max 0.015
Distillation 10% Off	°C	D86	Max 205
Distillation FBP	°C	D96	Max 300
Residue	%	D86	Max 1.5
% Loss	%	D86	Max 1.5
Flashpoint	°C	D3282	Min 38
Density @ 15°C	kg/m3	D1298	Min 730 Max 770
Freeze Point Jet A	°C	D2386 (1)	-40
Freeze Point Jet A-1	°C	D2383 (1)	-47
Thermal Stability Temp	°C	D3241	Min 325
Thermal Pressure Drop	mm Hg	D3241	Max 25
Tube Deposit	Rating	D3241	< 3
Annex 1 Table A1.2			
Hydrocarbon Composition			
Cycloparaffins	Max %	D4245	15
Aromatics	Mass %	D4245	0.5
Paraffins	Mass %	D4245	Report
Carbon and Hydrogen min	Mass%	D5291	99.5
Non-hydrocarbon Composition			
Nitrogen max	mg/Kg	D4629	2
Water max	mg/Kg	D6304	75
Sulfur max	mg/Kg	D5453	15
Metals max	mg/kKg	UOP 389	0.1/metal
Halogen Max	mg/kg	D7359	1

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