



PROCEDURE

TTT/DIP & PAY TRANSACTION PROCEDURES FOB HOUSTON/ROTTERDAM/JURONG/FUJIRAH/SINGAPORE

1. Buyer issues ICPO and Company Registration Certificate, Passport or any Government issued ID with TSA+ATV, BCL with ATV or RWA (whichever is feasible) for Seller's verification.
2. Seller issue Draft Commercial Invoice, Buyer signs and returns to Seller with his Tank Storage Agreement and Notarized letter accepting the seller's procedures as outlined.
3. Seller verify buyer TSA and proceed to pays the Buyer's tank company for 2 days for the Injection Process, Buyer pays 3 day and only after his Tank Farm Company has received the payment from Seller Company.
4. Seller provides Buyer with FULL POP Documents:
 - A. Fresh SGS Report less than 48 hours
 - B. Dip Test Authorization-Unconditional
 - C. Injection Report
 - D. Tank Storage Receipt with GPS Coordinates
 - E. Tank Farm Bar-code Information
 - F. Letter of Commitment to Supply.
 - G. Registration Certificate & Export License Copy
 - H. Authority to Sell & Collect (ATSC) I. Endorsed Injection Schedule by the buyer & buyer Tank Farm
 - J. ATV – For Physical Verification.
 - K. Irrevocable Commitment to Supply for Spot and 12 months Contract.
 - L. Injection Schedule signed by Buyer & Buyer's tank farm.
5. Buyer conducts Dip-Test in Seller's tank, via SGS on Buyer's expense, Seller injects the fuel to Buyer's tank and Buyer makes payment based on Q&Q by MT103 wire transfer / TT according to the final Commercial Invoice.
6. Seller transfers the title of ownership as per Buyer's instruction. Buyer lifts the product.
7. Seller pays all intermediaries involved in the transaction and subsequently monthly contract shipment continues as per terms and conditions of the sales and purchase agreement contract between Buyer and Seller.



PRODUCT SPECIFICATIONS - EN590 10PPM

COMPONENT	METHOD OF ANALYSIS	UNIT	RESULT	
			Min.	Max.
Aspect Color	Visual inspection ASTM D 1500		Clear	2,0
Density @ 15°	EN ISO 3675:98 / EN ISO 12185:96	Kg/m ³	820,0	845,0
Flash Point	EN ISO 2719	C°	55	
Distillation:				
- Recovered @ 150 °C		% vol		2,0
- Recovered @ 250 °C	EN ISO 3405	% vol		65
- Recovered @ 350 °C		% vol		360,0
- Recovered at 95%		°C		
C.F.P.P. (summer) (3) C.F.P.P. (winter) (3)	EN 116	°C °C	50,0	-0 -10
CLOUD Point (summer) CLOUD Point (winter)	EN 23015	°C °C	Report 0	
Cetane number	EN ISO 5165	n°	51,0	
Cetane index	EN ISO 4264	Index	46,0	
Viscosity @ 40 °C	EN ISO 3104	mm ² /s	1.3	4.1
Water content	EN ISO 12937	mg/kg		0.01
Total contamination	EN ISO 12662	mg/kg		24
Sulfur content	EN ISO 20884	mg/kg		10,0
Copper strip corrosion (3 hrs. at 50 °C)	EN ISO 2160	Indices	1 st Class	
Carbon residue (On 10% distillation residue)	EN ISO 10370	% weight		0,03
Total acidity	ASTM D 974	Mg KOH/g		0,3
Ash content	EN ISO 6245	% weight		0,01 0
Lubricity, correct wear scar	EN ISO 12156-1	µm		460
Oxidation stability	EN ISO 12205	g/m ³	20	
Electrical conductivity (4)	IP 274; ASTM 2624; ISO 6297	pS/m	50	
Polycyclic aromatic hydrocarbons	EN 12916	%m/m		11,0(6)



SPECIFICATION

SPECIFICATION FOR AVIATION TURBINE FUEL (Jet A1)

PROPERTY	UNIT	RESULT	TEST-IP	METHOD	ASTM
ADDITIVES		mg/l	min		17
Antioxidant in hydro processed fuel		mg/l	max		24
Antioxidant non hydro processed fuel		mg/l	min		24
Static dissipater first doping ASA-3		mg/l	min		1
Stadis 450		mg/l	min		3
COMBUSTION PROPERTIES	mj/lkg	min	18.4		D4808
Specific energy, net	mm	min	19		D1322
Smoke point	% vol	min	45		D1740
Luminomitter number Naphthalene's		max	3		D1840
COMPOSITION	mg KOH/g	max	0.01	354	D3242
Total Acidity	% vol	max	22	158	D1318
Aromatics	% mass	max	0.30	107	D1266/2622
Sulphur, Total	% mass	max	0.003	342	D3227
Sulphur, Mercaptan Doctor, test				30	D4952
VOLATILITY	Centigrade	Centigrade	max	max	Report
Initial Boiling Point		% vol	max	max	240
10% vol at C		% vol Cen-	max	max	Report
20% vol at C		tigrade	max	max	Report
50% vol at C		2	max	max	Report
80% vol at C		kg/m	min/max	300	1.5
End point					1.5
Recovered residuals					42
Loss					776/840
Flash Point					
Density at 15 C					
170/303 180/385			D96		
D56/3828 D1298	LOW TEMPERATURE Freezing Point	Centigrade	max		-40
D2256 CORROSION	Corrosion, silver (4hrs at 50C)	max	max		154
Corrosion, copper (2hrs at 100C)			1		227
STABILITY	max	25	CONTAMINATIONS		
Thermal stability control, Temp. 280C	max		Existent Gum		
Filter pressure, differential mm.Hg	323		Water reaction, interface		
Tube deposit rating (visual)			rating		
			Fuelwith static		
			dissipater additives		
			Fuel without static		
			dissipater additive		
mg/100ml	max	min	min		
	max				

Summer from March to October (PP - 5.0 degrees C)

Summer from March to October (CP - 0.0 degrees C)

Winter from November to February (PP - 10.0 degrees C)

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