



Product Specification Sheet

JP - 4

<u>Item #</u>	<u>TEST</u>	<u>UNIT</u>	<u>MIL-T-5624P SPECIFICATION</u>	<u>METHOD</u>
010A	SAYBOLT COLOR	Number	Report	D156
100C	ACID NUMBER - TURBINE FUELS, MAX	mgKOH/g	0.015	D3242
100A	AROMATIC CONTENT, MAX	vol%	25	D1319
115	OLEFIN CONTENT, MAX	vol%	5	D1319
130	MERCAPTAN SULFUR, MAX	wt%	0.002	D3227
150F	TOTAL SULFUR, X-RAY, MAX	wt%	0.40	D4294
160A	HYDROGEN CONTENT - EST., MIN	wt%	13.5	D3343
200A	DISTILLATION, AUTO			
201	INITIAL BOILING PT	Celsius	Report	D86
202	10% RECOVERY PT	Celsius	Report	D86
203	20% RECOVERY PT, MAX	Celsius	145	D86
204	50% RECOVERY PT, MAX	Celsius	190	D86
206	90% RECOVERY PT, MAX	Celsius	245	D86
211	FINAL BOILING PT, MAX	Celsius	270	D86
213	RESIDUE, MAX	vol%	1.5	D86
214	LOSS, MAX	vol%	1.5	D86
230A	DENSITY	kg/L	0.751 - 0.802	D4052
231B	API GRAVITY	API	45 - 57	D4052
240D	VAPOR PRESSURE	psi	2.0 - 3.0	D5191
		kPa	14 - 21	D5191
300A	FREEZE PT, MAX	Celsius	-58	D2386
400C	NET HEAT OF COMBUSTION, MIN	MJ/kg	42.8	D3338
		BTU/lb	18,400	D3338
500	COPPER CORROSION, MAX	Code	No. 1	D130
600A	JFTOT @275 Deg C			D3241-275
601	PRESSURE CHANGE, MAX	mm HG	25	D3241
602	VISUAL RATING	Method Defined	<3	D3241
608	SERIAL NUMBER FOR TUBE	N/A		D3241
710	EXISTENT GUM (Using Air), MAX	mg/100ml	7	D381
720B	PARTICULATE MATTER, MAX	mg/L	1.0	D5452
730	FILTRATION TIME, MAX	minutes	10	Appendix A
740	WATER REACTION, MAX	Interface Rating	1b	D1094
750	WSIM / MSEP, MIN	1 Unit	85	D3948
	<u>ADDITIVES INJECTED AT POINT OF SHIPMENT:</u>			
830A	FSII	vol%	0.10 - 0.15	D5006
840F	CORROSION INHIBITOR	mg/L	12 - 22.5	QPL-25017
900	CONDUCTIVITY	pS/m	150 - 600	D2624
901	CONDUCTIVITY TEMP	Celsius	*	D2624

Remarks:

Specification Exceptions 8.a: Product will comply with MIL-DTL-5624P, dated Sept. 24, 1992 in lieu of MIL-DTL-5624U dated Jan. 5, 2004.

Specification Exceptions 8.b: Conductivity measurement procedures outlined in SA-ALC/SFT letter dated October 15, 1998.

*Conductivity tested @ 0 C from October through March or

*Conductivity tested @ 15.6 C from April through September.

QAR approves the segregated batch as represented by these test results for DESC procurement.

PETRO STAR INC.

