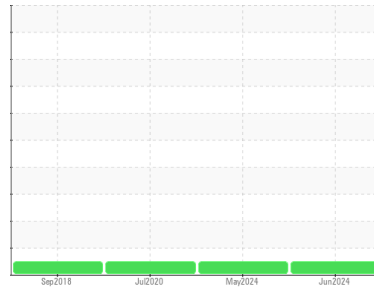




FUEL REPORT

Sample Rating Trend



NORMAL



Machine Id
BOEING 737-800 C-GLRN
 Component
Left Jet Fuel
 Fluid
JET FUEL Type A (--- GAL)

DIAGNOSIS

Recommendation

Laboratory test indicate that this fuel is suitable for use and meets all test requirements. Resample at the next service interval to monitor.

Contamination

There is no bacteria or fungus (yeast and/or mold) present in the sample. The water content is negligible. The fuel phase was tested for microbes, as there was no separate water phase present in the sample. The MicrobMonitor2 test kit was used to test for microbiological contamination in the sample. There is no indication of any contamination in the jet fuel.

Fluid Condition

All laboratory tests indicate that this sample appears to be Jet Fuel Type A.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			WC0899308	WC0899298	WC0441653
Sample Date	Client Info			13 Jun 2024	28 May 2024	30 Jul 2020
Machine Age	hrs	Client Info		0	0	2552
Oil Age	hrs	Client Info		0	0	0
Oil Changed	Client Info			N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL

PHYSICAL PROPERTIES		method	limit/base	current	history1	history2
Specific Gravity		ASTM D1298*		0.809	0.800	0.815
Fuel Color	text	Visual Screen*		Clear	Clear	Yellow
Visc @ 40°C	cSt	ASTM D7279(m)	<8.0	1.4	1.3	1.3
Pensky-Martens Flash Point	°C	ASTM D7215*	38	47.2	43	56
Pour Point	°C	ASTM D97*	-45	-57	-60	-54

SULFUR CONTENT		method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185(m)	<3000	363	241	272

DISTILLATION		method	limit/base	current	history1	history2
Initial Boiling Point	°C	ASTM D2887*		155	151	166
5% Distillation Point	°C	ASTM D2887*		172	165	179
10% Distill Point	°C	ASTM D2887*	205	177	170	182
15% Distillation Point	°C	ASTM D2887*		182	175	185
20% Distill Point	°C	ASTM D2887*		187	179	189
30% Distill Point	°C	ASTM D2887*		194	188	195
40% Distill Point	°C	ASTM D2887*		203	197	202
50% Distill Point	°C	ASTM D2887*		211	206	209
60% Distill Point	°C	ASTM D2887*		220	216	218
70% Distill Point	°C	ASTM D2887*		228	225	226
80% Distill Point	°C	ASTM D2887*		239	237	238
85% Distillation Point	°C	ASTM D2887*		247	246	246
90% Distill Point	°C	ASTM D2887*		255	254	255
95% Distillation Point	°C	ASTM D2887*		268	269	270
Final Boiling Point	°C	ASTM D2887*	300	307	304	294
Distillation Residue	%	ASTM D86(e)*	1.5	---	---	---
Distillation Loss	%	ASTM D86(e)*	1.5	---	---	---

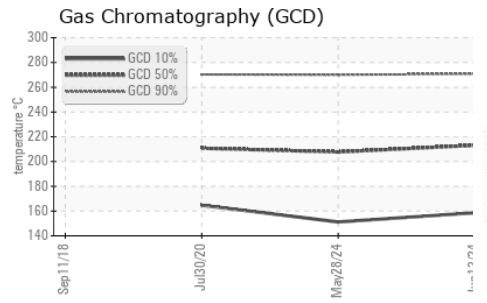
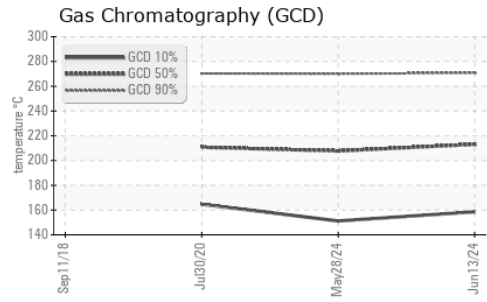
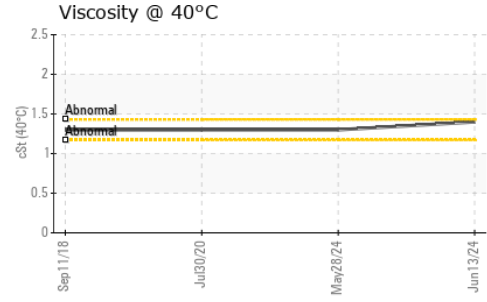
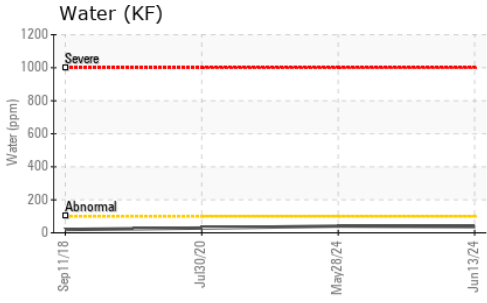
IGNITION QUALITY		method	limit/base	current	history1	history2
API Gravity		ASTM D1298*	44	43	45	---
Cetane Index		ASTM D4737*	<40.0	47	48	43

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	<1.0	0	0	<1
Sodium	ppm	ASTM D5185(m)	<0.1	<1	<1	<1
Potassium	ppm	ASTM D5185(m)	<0.1	0	0	0
Water	%	ASTM D6304*	<0.05	0.003	0.004	0.003
ppm Water	ppm	ASTM D6304*	<500	37	41	29.0

MICROBIAL		method	limit/base	current	history1	history2
Microbes	CFU/L	ASTM D6469*	>=100000	0	0	---



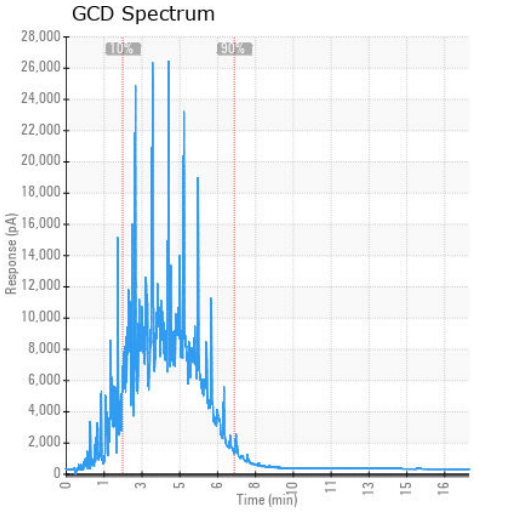
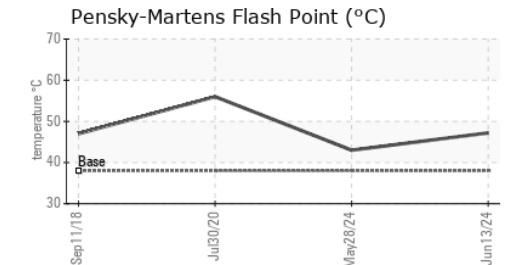
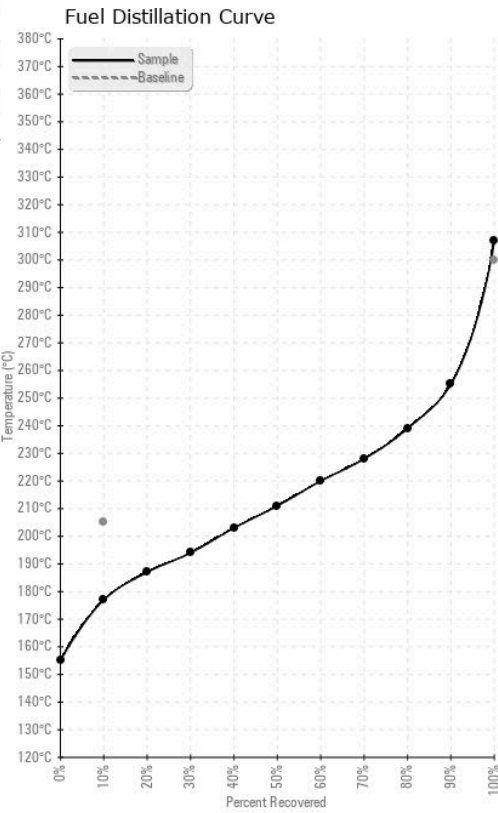
FUEL REPORT



HEAVY METALS		method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185(m)	<0.1	0	0	<1
Nickel	ppm	ASTM D5185(m)	<0.1	0	0	0
Lead	ppm	ASTM D5185(m)	<0.1	0	0	<1
Vanadium	ppm	ASTM D5185(m)	<0.1	0	0	0
Iron	ppm	ASTM D5185(m)	<0.1	0	0	<1
Calcium	ppm	ASTM D5185(m)	<0.1	0	0	0
Magnesium	ppm	ASTM D5185(m)	<0.1	0	0	0
Phosphorus	ppm	ASTM D5185(m)	<0.1	0	4	0
Zinc	ppm	ASTM D5185(m)	<0.1	0	0	<1

SAMPLE IMAGES		method	limit/base	current	history1	history2
Color						
Bottom						

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0899308 **Received** : 14 Jun 2024
Lab Number : 02642171 **Tested** : 19 Jun 2024
Unique Number : 5799710 **Diagnosed** : 19 Jun 2024 - Kevin Marson
Test Package : FUEL (Additional Tests: CC Flash)

SUNWING AIRLINES
 44 FASKEN DRIVE, UNIT 12/13
 ETOBICOKE, ON
 CA M9W 5M8
 Contact: Geoff Carroll
 gcarroll@flsunwing.com
 T: (416)802-9643
 F: (416)640-1595

To discuss this sample report, contact Customer Service at 1-800-268-2131.
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.
 Validity of results and interpretation are based on the sample and information as supplied.