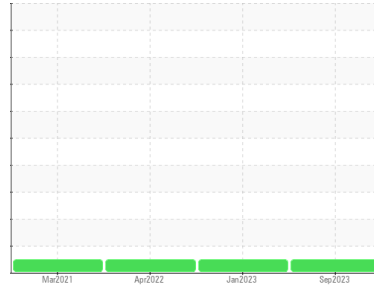




OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
BEECH -135A 812CR
 Component
Right Jet Turbine
 Fluid
BP TURBO OIL 2380 (12 QTS)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

The condition of the oil is acceptable for the time in service.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		GF0001145	GF0001222	GF0000672
Sample Date	Client Info		25 Sep 2023	05 Jan 2023	15 Apr 2022
TSN	hrs	Client Info	1736	1554	1354
TSO	hrs	Client Info	0	1554	1354
Oil Age	hrs	Client Info	1737	1554	450
Oil Changed		Client Info	N/A	Not Chngd	Not Chngd
Sample Status			NORMAL	NORMAL	NORMAL

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >8	<1	0	0
Chromium	ppm	ASTM D5185m >2	0	<1	0
Nickel	ppm	ASTM D5185m >2	0	0	0
Titanium	ppm	ASTM D5185m >2	0	0	0
Silver	ppm	ASTM D5185m >2	0	0	0
Aluminum	ppm	ASTM D5185m >2	0	0	0
Lead	ppm	ASTM D5185m >3	0	<1	0
Copper	ppm	ASTM D5185m >3	3	0	<1
Tin	ppm	ASTM D5185m >2	1	<1	0
Antimony	ppm	ASTM D5185m	---	---	---
Vanadium	ppm	ASTM D5185m	0	0	0
Cadmium	ppm	ASTM D5185m	0	0	0

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 0	0	0	<1
Barium	ppm	ASTM D5185m 0	0	0	0
Molybdenum	ppm	ASTM D5185m 0	<1	0	0
Manganese	ppm	ASTM D5185m	1	0	0
Magnesium	ppm	ASTM D5185m 0	3	2	0
Calcium	ppm	ASTM D5185m 0	4	0	0
Phosphorus	ppm	ASTM D5185m 2500	2727	2595	2616
Zinc	ppm	ASTM D5185m 0	2	0	0
Sulfur	ppm	ASTM D5185m 0	15	0	12

CONTAMINANTS

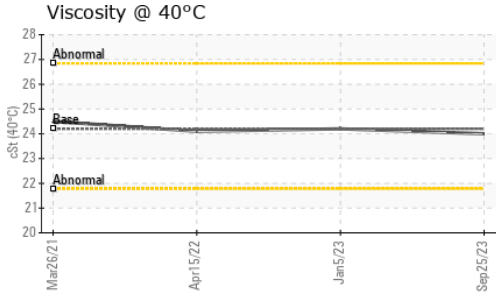
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >8	1	<1	2
Sodium	ppm	ASTM D5185m	2	0	0
Potassium	ppm	ASTM D5185m >20	2	<1	<1

VISUAL

	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	NONE	NONE	VLITE
Yellow Metal	scalar	*Visual NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual NONE	NONE	NONE	NONE
Silt	scalar	*Visual NONE	NONE	NONE	NONE
Debris	scalar	*Visual NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual NONE	NONE	NONE	NONE
Appearance	scalar	*Visual NORML	NORML	NORML	NORML
Odor	scalar	*Visual NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual >0.1	NEG	NEG	NEG
Free Water	scalar	*Visual	NEG	NEG	NEG



OIL ANALYSIS REPORT

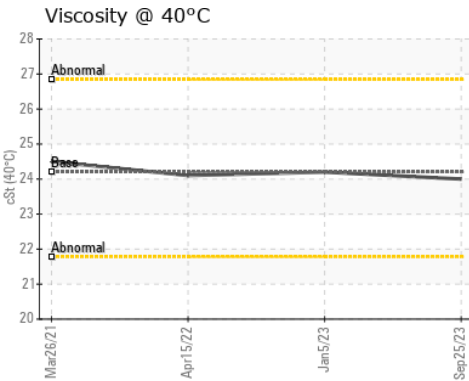
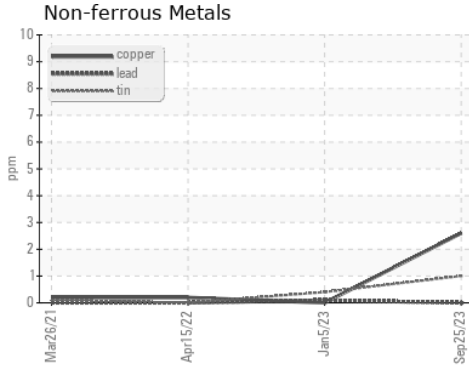
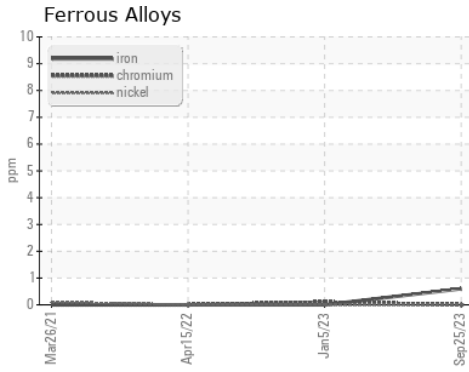


FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	24.2	24.0	24.2	24.1

SAMPLE IMAGES		method	limit/base	current	history1	history2
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Color				no image	no image	no image
Bottom				no image	no image	no image

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : GF0001145 **Received** : 28 Sep 2023
Lab Number : **05963876** **Diagnosed** : 01 Oct 2023
Unique Number : 10670427 **Diagnostician** : Don Baldrige
Test Package : AVI 1

STEVENS AEROSPACE AND DEFENSE SYSTEMS, LLC
 1280 THUNDERBIRD DR
 SMYRNA, TN
 US 37167
 Contact: PATRICK ISRAEL
 pisrael@stevensaerospace.com
 T: (615)365-2132
 F: (615)365-0966

To discuss this sample report, contact Customer Service at 1-800-237-1369.

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)