



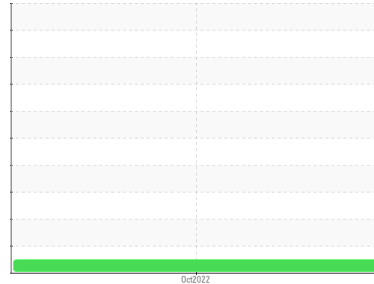
OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Area
BY-300 [BY-300 PCE-RX0835]
 Machine Id
BEECH 108DD (S/N BY-300)
 Component
Left Jet Turbine
 Fluid
BP TURBO OIL 2380 (12 QTS)



DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. (Customer Sample Comment: BY-300 PCE-RX0835)

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the fluid.

Fluid Condition

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

SAMPLE INFORMATION

	method	limit/base	current	history 1	history 2
Sample Number	Client Info		GF0001312	---	---
Sample Date	Client Info		18 Oct 2022	---	---
TSN	hrs Client Info		1103	---	---
TSO	hrs Client Info		1103	---	---
Oil Age	hrs Client Info		1103	---	---
Oil Changed	Client Info		Not Chngd	---	---
Sample Status			NORMAL	---	---

WEAR METALS

	method	limit/base	current	history 1	history 2
Iron	ppm ASTM D5185m	>15	0	---	---
Chromium	ppm ASTM D5185m	>4	0	---	---
Nickel	ppm ASTM D5185m	>2	0	---	---
Titanium	ppm ASTM D5185m		0	---	---
Silver	ppm ASTM D5185m		0	---	---
Aluminum	ppm ASTM D5185m	>10	0	---	---
Lead	ppm ASTM D5185m		0	---	---
Copper	ppm ASTM D5185m	>5	0	---	---
Tin	ppm ASTM D5185m	>5	<1	---	---
Vanadium	ppm ASTM D5185m		0	---	---
Cadmium	ppm ASTM D5185m		0	---	---

ADDITIVES

	method	limit/base	current	history 1	history 2
Boron	ppm ASTM D5185m	0	0	---	---
Barium	ppm ASTM D5185m	0	0	---	---
Molybdenum	ppm ASTM D5185m	0	0	---	---
Manganese	ppm ASTM D5185m		0	---	---
Magnesium	ppm ASTM D5185m	0	0	---	---
Calcium	ppm ASTM D5185m	0	0	---	---
Phosphorus	ppm ASTM D5185m	2500	2631	---	---
Zinc	ppm ASTM D5185m	0	<1	---	---
Sulfur	ppm ASTM D5185m	0	9	---	---

CONTAMINANTS

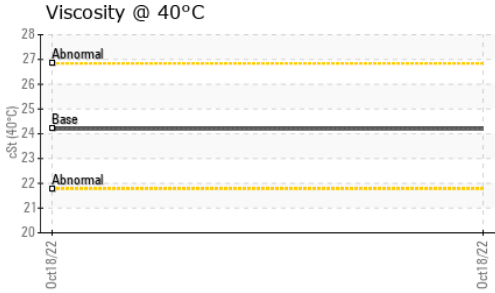
	method	limit/base	current	history 1	history 2
Silicon	ppm ASTM D5185m	>15	1	---	---
Sodium	ppm ASTM D5185m		0	---	---
Potassium	ppm ASTM D5185m	>20	0	---	---

VISUAL

	method	limit/base	current	history 1	history 2
White Metal	scalar *Visual	NONE	NONE	---	---
Yellow Metal	scalar *Visual	NONE	NONE	---	---
Precipitate	scalar *Visual	NONE	NONE	---	---
Silt	scalar *Visual	NONE	NONE	---	---
Debris	scalar *Visual	NONE	NONE	---	---
Sand/Dirt	scalar *Visual	NONE	NONE	---	---
Appearance	scalar *Visual	NORML	NORML	---	---
Odor	scalar *Visual	NORML	NORML	---	---
Emulsified Water	scalar *Visual	>0.1	NEG	---	---
Free Water	scalar *Visual		NEG	---	---



OIL ANALYSIS REPORT

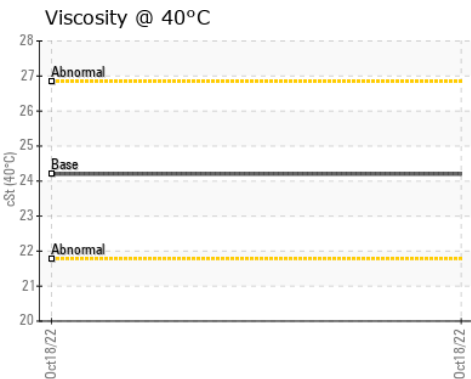
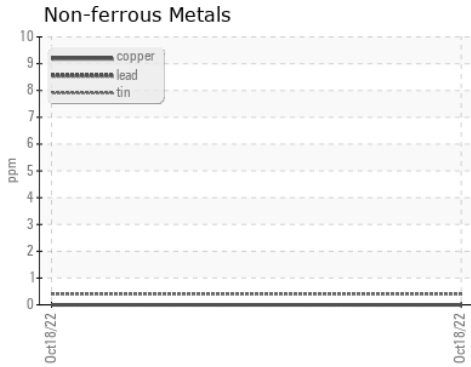
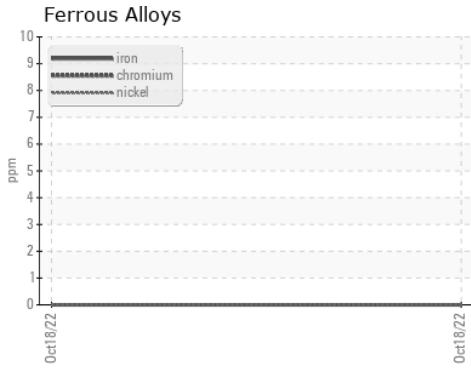


FLUID PROPERTIES	method	limit/base	current	history 1	history 2
Visc @ 40°C	cSt	ASTM D445	24.2	---	---

SAMPLE IMAGES	method	limit/base	current	history 1	history 2
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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. : GF0001312 **Received** : 20 Oct 2022
Lab Number : **05672039** **Diagnosed** : 22 Oct 2022
Unique Number : 10181609 **Diagnostician** : Don Baldrige
Test Package : AVI 1

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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)