



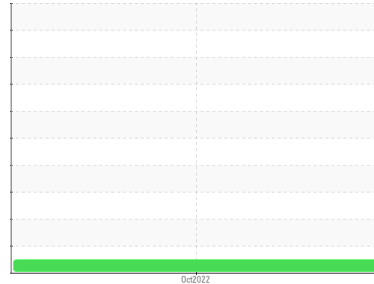
# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Area  
**BY-300 [BY-300 PCE-RX0836]**  
 Machine Id  
**BEECH 108DD (S/N BY-300)**  
 Component  
**Right 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-RX0836 )

### 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		<b>GF0001313</b>	---	---
Sample Date	Client Info		<b>18 Oct 2022</b>	---	---
TSN	hrs Client Info		<b>1103</b>	---	---
TSO	hrs Client Info		<b>1103</b>	---	---
Oil Age	hrs Client Info		<b>1103</b>	---	---
Oil Changed	Client Info		<b>Not Chngd</b>	---	---
Sample Status			<b>NORMAL</b>	---	---

## WEAR METALS

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

## ADDITIVES

	method	limit/base	current	history 1	history 2
Boron	ppm ASTM D5185m	0	<b>0</b>	---	---
Barium	ppm ASTM D5185m	0	<b>0</b>	---	---
Molybdenum	ppm ASTM D5185m	0	<b>0</b>	---	---
Manganese	ppm ASTM D5185m		<b>0</b>	---	---
Magnesium	ppm ASTM D5185m	0	<b>0</b>	---	---
Calcium	ppm ASTM D5185m	0	<b>0</b>	---	---
Phosphorus	ppm ASTM D5185m	2500	<b>2688</b>	---	---
Zinc	ppm ASTM D5185m	0	<b>&lt;1</b>	---	---
Sulfur	ppm ASTM D5185m	0	<b>6</b>	---	---

## CONTAMINANTS

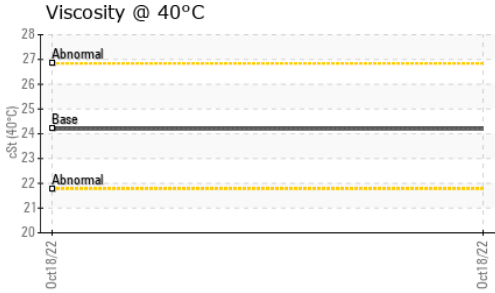
	method	limit/base	current	history 1	history 2
Silicon	ppm ASTM D5185m	>15	<b>1</b>	---	---
Sodium	ppm ASTM D5185m		<b>0</b>	---	---
Potassium	ppm ASTM D5185m	>20	<b>0</b>	---	---

## VISUAL

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



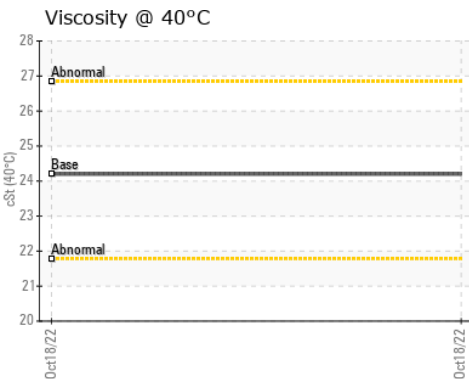
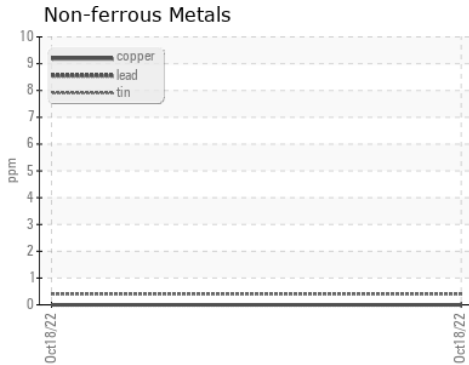
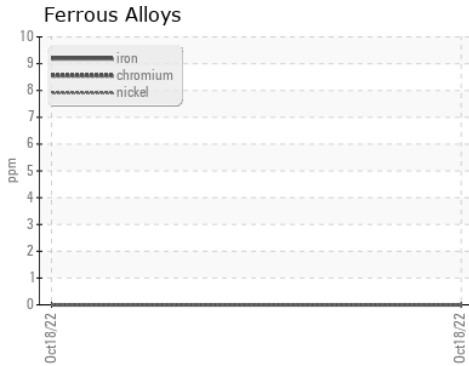
# OIL ANALYSIS REPORT



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
Color				no image	no image
Bottom				no image	no image

## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : GF0001313      **Received** : 20 Oct 2022  
**Lab Number** : 05672040      **Diagnosed** : 22 Oct 2022  
**Unique Number** : 10181610      **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)