OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
[FL-621 PCE-PK1058]
Machine Id
BEECH FL-621 7RC (S/N PCE-PK1058)
Component
Left Turbine
Fluid
BP TURBO OIL 2380 (10 QTS)

RECOMMENDATION

Resample at the next service interval to monitor. (Customer Sample Comment: FL-621 PCE-PK1058)

WEAR

All component wear rates are normal.

CONTAMINATION

There is no indication of any contamination in the fluid.

FLUID CONDITION

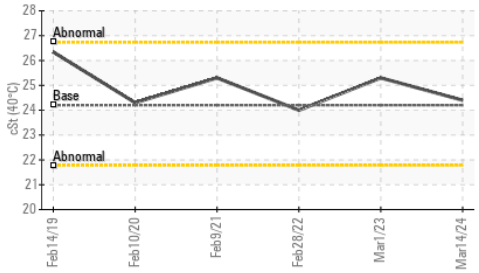
The condition of the fluid is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		GF0001623	GF0000913	GF0000657
Sample Date		Client Info		14 Mar 2024	01 Mar 2023	28 Feb 2022
TSN	hrs	Client Info		2835	2668	2520
TSO	hrs	Client Info		2835	2668	2520
Oil Age	hrs	Client Info		2835	2668	2520
Filter Age	hrs	Client Info		821	645	496
Oil Changed		Client Info		Not Changd	Not Changd	Not Changd
Filter Changed		Client Info		Not Changd	Not Changd	Not Changd
Sample Status				NORMAL	NORMAL	NORMAL
Iron	ppm	ASTM D5185m	>15	<1	0	<1
Chromium	ppm	ASTM D5185m	>4	<1	0	<1
Nickel	ppm	ASTM D5185m	>2	0	0	<1
Titanium	ppm	ASTM D5185m		<1	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>10	2	0	<1
Lead	ppm	ASTM D5185m		0	0	0
Copper	ppm	ASTM D5185m	>5	<1	0	<1
Tin	ppm	ASTM D5185m	>5	<1	0	1
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	LIGHT
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185m	>15	2	<1	2
Potassium	ppm	ASTM D5185m	>20	2	0	0
Water		WC Method	>0.03	NEG	NEG	NEG
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	>0.03	NEG	NEG	NEG
Sodium	ppm	ASTM D5185m		0	0	0
Boron	ppm	ASTM D5185m	0	3	0	2
Barium	ppm	ASTM D5185m	0	0	0	0
Molybdenum	ppm	ASTM D5185m	0	0	0	0
Manganese	ppm	ASTM D5185m		0	0	0
Magnesium	ppm	ASTM D5185m	0	<1	0	0
Calcium	ppm	ASTM D5185m	0	6	<1	0
Phosphorus	ppm	ASTM D5185m	2500	2575	2558	2785
Zinc	ppm	ASTM D5185m	0	<1	3	0
Sulfur	ppm	ASTM D5185m	0	0	0	8
Visc @ 40°C	cSt	ASTM D445	24.2	24.4	25.3	24.0

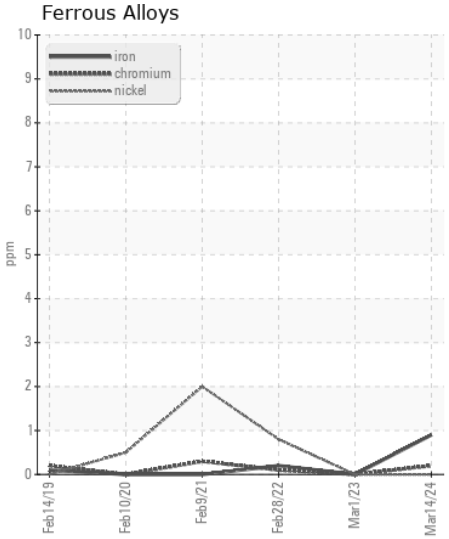
Report Id: STENAS [WUSCAR] 06122780 (Generated: 03/21/2024 20:07:12) Rev: 1

Submitted By: PATRICK ISRAEL

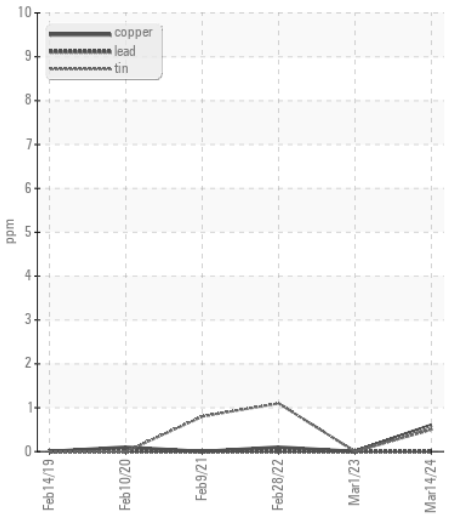
Viscosity @ 40°C



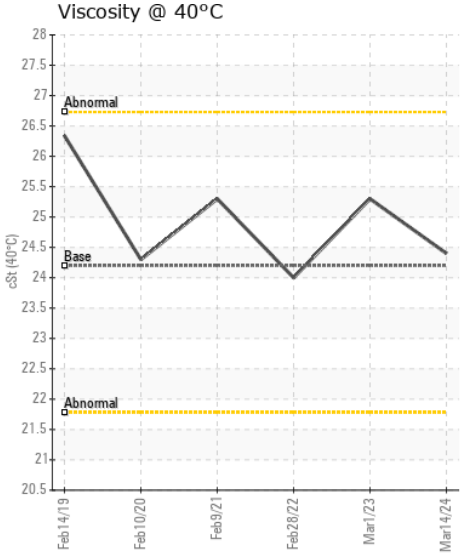
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : GF0001623
Lab Number : 06122780
Unique Number : 10936931
Test Package : AVI 1

Received : 19 Mar 2024
Tested : 20 Mar 2024
Diagnosed : 21 Mar 2024 - Don Baldridge

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)

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