



Machine Id
BOURGET
Component
Heat Transfer Fluid
Fluid
{not provided} (--- GAL)

DIAGNOSIS

Recommendation

Little or no information is provided as to the component and lubricant being tested. Recommendations are therefore generic in nature and may not apply to the current application. Please forward information as to equipment type, reservoir capacity, lubricant type and any pertinent information to allow for a more accurate assessment. We recommend an early resample to monitor this condition. Please provide more complete information on your next sample. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample. Please specify the brand, type, and viscosity of the oil on your next sample. LUBE360 Oil Diagnostics recommends using HTTFL sample kits for heat transfer fluids. Please contact us at 1-800-268-2131 and provide a purchase order for \$245 + HST in order to conduct additional testing (boiling points @ 10%, 50%, and 90%, percent boiling < 335°C, and solids) to determine the suitability for continued use. Please contact your representative for information regarding the proper sampling kits for your service.

Wear

Copper ppm levels are abnormal.

Contamination

There is no indication of any contamination in the component(unconfirmed).

Fluid Condition

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

SAMPLE INFORMATION	method	limit/base	current	history1	history2
Sample Number	Client Info		PC0079806	---	---
Sample Date	Client Info		20 Mar 2024	---	---
Machine Age	hrs	Client Info	0	---	---
Oil Age	hrs	Client Info	0	---	---
Oil Changed	Client Info		N/A	---	---
Sample Status			ABNORMAL	---	---

CONTAMINATION	method	limit/base	current	history1	history2
Water	WC Method	>0.0601	NEG	---	---

WEAR METALS	method	limit/base	current	history1	history2	
Iron	ppm	ASTM D5185(m)	>200	34	---	---
Chromium	ppm	ASTM D5185(m)	>21	<1	---	---
Nickel	ppm	ASTM D5185(m)	>21	0	---	---
Titanium	ppm	ASTM D5185(m)	>21	0	---	---
Silver	ppm	ASTM D5185(m)	>21	0	---	---
Aluminum	ppm	ASTM D5185(m)	>21	0	---	---
Lead	ppm	ASTM D5185(m)	>21	4	---	---
Copper	ppm	ASTM D5185(m)	>21	46	---	---
Tin	ppm	ASTM D5185(m)	>21	0	---	---
Antimony	ppm	ASTM D5185(m)	>21	0	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---
Beryllium	ppm	ASTM D5185(m)		0	---	---
Cadmium	ppm	ASTM D5185(m)		0	---	---

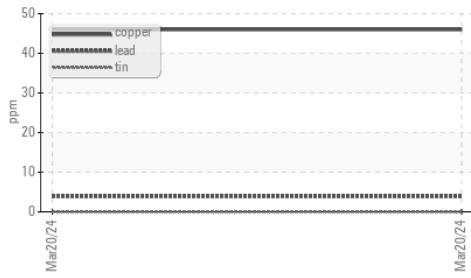
ADDITIVES	method	limit/base	current	history1	history2	
Boron	ppm	ASTM D5185(m)		<1	---	---
Barium	ppm	ASTM D5185(m)		0	---	---
Molybdenum	ppm	ASTM D5185(m)		0	---	---
Manganese	ppm	ASTM D5185(m)		0	---	---
Magnesium	ppm	ASTM D5185(m)		<1	---	---
Calcium	ppm	ASTM D5185(m)		<1	---	---
Phosphorus	ppm	ASTM D5185(m)		3	---	---
Zinc	ppm	ASTM D5185(m)		9	---	---
Sulfur	ppm	ASTM D5185(m)		3627	---	---
Lithium	ppm	ASTM D5185(m)		<1	---	---

CONTAMINANTS	method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185(m)	>25	0	---	---
Sodium	ppm	ASTM D5185(m)	>21	<1	---	---
Potassium	ppm	ASTM D5185(m)	>20	<1	---	---

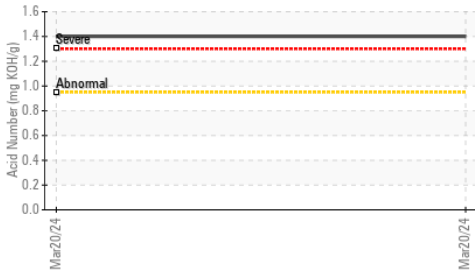
FLUID DEGRADATION	method	limit/base	current	history1	history2	
Acid Number (AN)	mg KOH/g	ASTM D974*		1.40	---	---

OIL ANALYSIS REPORT

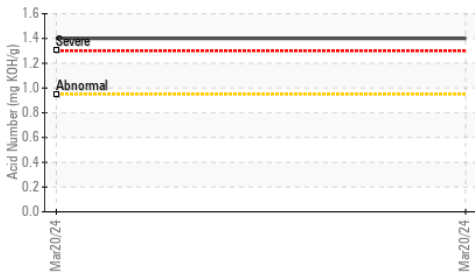
▲ Non-ferrous Metals



Acid Number



Acid Number



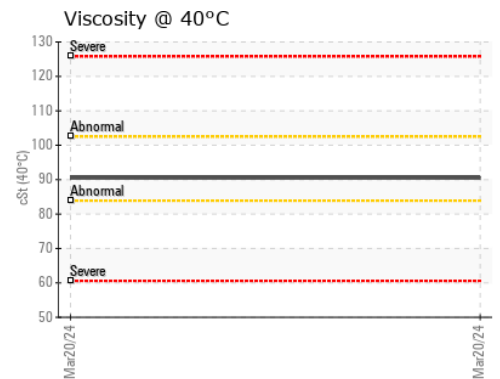
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	---
Precipitate	scalar	Visual*	NONE	NONE	---
Silt	scalar	Visual*	NONE	NONE	---
Debris	scalar	Visual*	NONE	NONE	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---
Appearance	scalar	Visual*	NORML	NORML	---
Odor	scalar	Visual*	NORML	NORML	---
Emulsified Water	scalar	Visual*	>0.0601	NEG	---
Free Water	scalar	Visual*		NEG	---

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	90.5	---	---

SAMPLE IMAGES

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

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0079806 **Received** : 27 Mar 2024
Lab Number : 02624946 **Tested** : 28 Mar 2024
Unique Number : 5750065 **Diagnosed** : 28 Mar 2024 - Kevin Marson
Test Package : MOB 2 (Additional Tests: TAN Man)

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 VALLEYFIELD, QC
 CA J6S 0M1
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 T: (514)522-6239
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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.