



# OIL ANALYSIS REPORT

WEAR	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
FLUID CONDITION	<b>NORMAL</b>

Machine Id  
**L90H-407 (S/N L90H624667)**  
 Component  
**Transmission**  
 Fluid  
**BP AUTRAN SYN 295 (--- GAL)**

## RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>TLY0002315</b>	TLY0001927	---
Sample Date		Client Info		<b>20 Jun 2024</b>	22 Nov 2023	---
Machine Age	hrs	Client Info		<b>4023</b>	3492	---
Oil Age	hrs	Client Info		<b>3492</b>	1492	---
Filter Age	hrs	Client Info		<b>3492</b>	1492	---
Oil Changed		Client Info		<b>Not Changd</b>	Not Changd	---
Filter Changed		Client Info		<b>Not Changd</b>	Not Changd	---
Sample Status				<b>NORMAL</b>	NORMAL	---

## WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>200	<b>130</b>	125	---
Chromium	ppm	ASTM D5185m	>10	<b>&lt;1</b>	<1	---
Nickel	ppm	ASTM D5185m		<b>0</b>	0	---
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	0	---
Silver	ppm	ASTM D5185m		<b>0</b>	0	---
Aluminum	ppm	ASTM D5185m	>50	<b>3</b>	3	---
Lead	ppm	ASTM D5185m	>50	<b>0</b>	0	---
Copper	ppm	ASTM D5185m	>200	<b>11</b>	10	---
Tin	ppm	ASTM D5185m	>10	<b>0</b>	0	---
Vanadium	ppm	ASTM D5185m		<b>0</b>	<1	---
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---

## CONTAMINATION

There is no indication of any contamination in the oil.

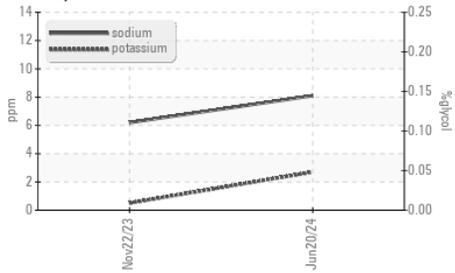
Silicon	ppm	ASTM D5185m	>50	<b>14</b>	17	---
Potassium	ppm	ASTM D5185m	>20	<b>3</b>	<1	---
Water		WC Method	>0.1	<b>NEG</b>	NEG	---
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	---
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	---
Emulsified Water	scalar	*Visual	>0.1	<b>NEG</b>	NEG	---

## FLUID CONDITION

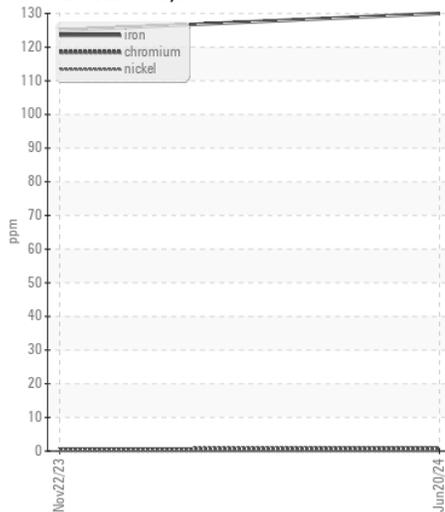
The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185m		<b>8</b>	6	---
Boron	ppm	ASTM D5185m		<b>40</b>	38	---
Barium	ppm	ASTM D5185m		<b>&lt;1</b>	2	---
Molybdenum	ppm	ASTM D5185m		<b>&lt;1</b>	<1	---
Manganese	ppm	ASTM D5185m		<b>9</b>	8	---
Magnesium	ppm	ASTM D5185m		<b>2</b>	1	---
Calcium	ppm	ASTM D5185m		<b>127</b>	129	---
Phosphorus	ppm	ASTM D5185m		<b>164</b>	172	---
Zinc	ppm	ASTM D5185m		<b>54</b>	62	---
Sulfur	ppm	ASTM D5185m		<b>1875</b>	1696	---

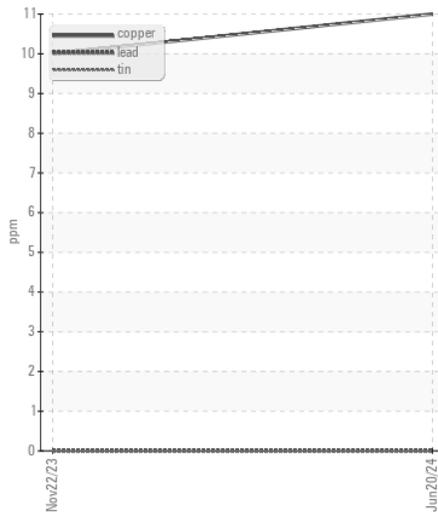
**Glycol Contamination**



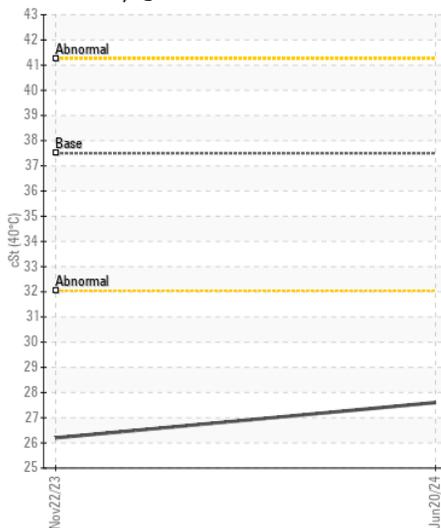
**Ferrous Alloys**



**Non-ferrous Metals**



**Viscosity @ 40°C**



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : TLY0002315 **Received** : 26 Jun 2024  
**Lab Number** : 06221912 **Tested** : 28 Jun 2024  
**Unique Number** : 11100109 **Diagnosed** : 28 Jun 2024 - Jonathan Hester  
**Test Package** : CONST ( Additional Tests: Glycol )

**GAINES & COMPANY**  
 112 WESTMINISTER RD  
 REISTERSTOWN, MD  
 US 21136

Contact: LANCE TANCRAITOR  
 ltancraitor@gainesandco.com  
 T: (410)833-9833

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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