



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

Machine Id  
**1317**  
 Component  
**Transmission (Auto)**  
 Fluid  
**CASTROL TRANSYND (--- GAL)**

### RECOMMENDATION

Resample at the next service interval to monitor. Please specify the component make and model with your next sample.

### WEAR

All component wear rates are normal.

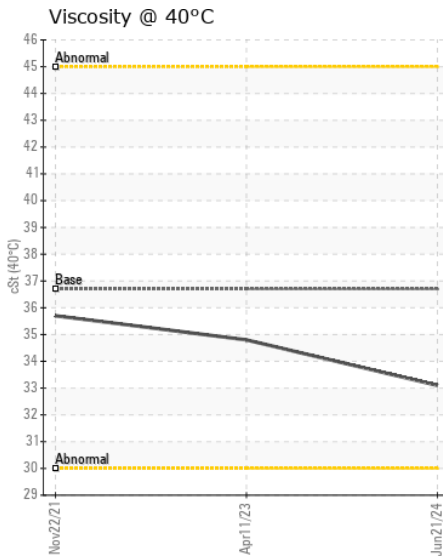
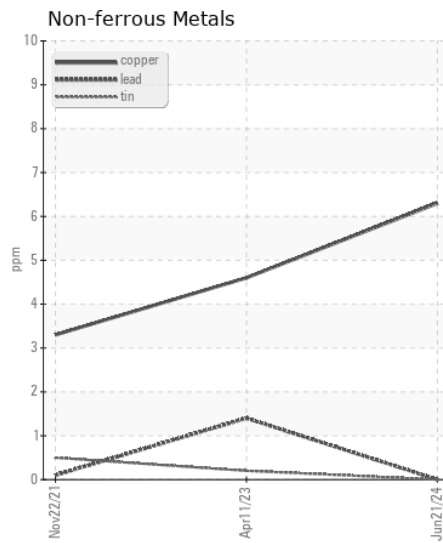
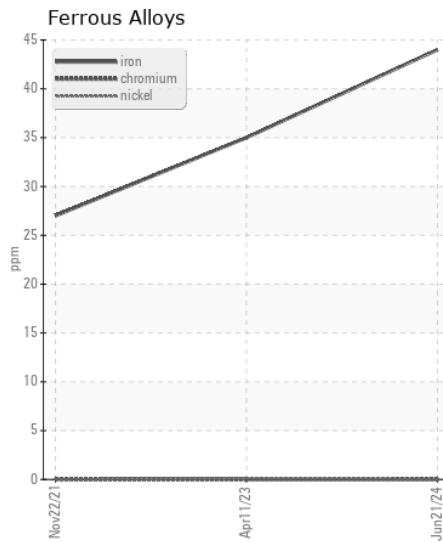
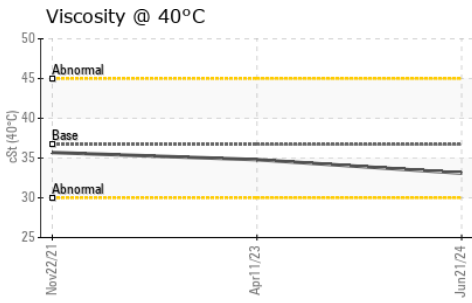
### CONTAMINATION

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		<b>HRE0000497</b>	WC0790615	WC0635342
Sample Date		Client Info		<b>21 Jun 2024</b>	11 Apr 2023	22 Nov 2021
Machine Age	mls	Client Info		<b>283764</b>	261830	238779
Oil Age	mls	Client Info		<b>0</b>	6000	0
Filter Age	mls	Client Info		<b>0</b>	6000	0
Oil Changed		Client Info		<b>Not Changed</b>	Changed	Not Changed
Filter Changed		Client Info		<b>Not Changed</b>	Changed	Not Changed
Sample Status				<b>NORMAL</b>	NORMAL	MARGINAL
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Iron	ppm	ASTM D5185m	>160	<b>44</b>	35	27
Chromium	ppm	ASTM D5185m	>5	<b>0</b>	0	0
Nickel	ppm	ASTM D5185m	>5	<b>0</b>	<1	0
Titanium	ppm	ASTM D5185m		<b>0</b>	0	0
Silver	ppm	ASTM D5185m	>5	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>50	<b>9</b>	3	5
Lead	ppm	ASTM D5185m	>50	<b>0</b>	1	<1
Copper	ppm	ASTM D5185m	>225	<b>6</b>	5	3
Tin	ppm	ASTM D5185m	>10	<b>0</b>	<1	<1
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	0
White Metal	scalar	*Visual	NONE	<b>LIGHT</b>	MODER	▲ MODER
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
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Silicon	ppm	ASTM D5185m	>20	<b>9</b>	9	7
Potassium	ppm	ASTM D5185m	>20	<b>2</b>	2	<1
Water		WC Method	>0.1	<b>NEG</b>	NEG	NEG
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>LIGHT</b>	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	<b>NEG</b>	NEG	NEG
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Sodium	ppm	ASTM D5185m		<b>5</b>	3	3
Boron	ppm	ASTM D5185m	133	<b>115</b>	161	147
Barium	ppm	ASTM D5185m	0	<b>0</b>	1	0
Molybdenum	ppm	ASTM D5185m	0	<b>0</b>	<1	<1
Manganese	ppm	ASTM D5185m		<b>&lt;1</b>	<1	<1
Magnesium	ppm	ASTM D5185m	0	<b>0</b>	2	1
Calcium	ppm	ASTM D5185m	27	<b>97</b>	85	86
Phosphorus	ppm	ASTM D5185m	293	<b>346</b>	338	364
Zinc	ppm	ASTM D5185m	0	<b>16</b>	17	11
Sulfur	ppm	ASTM D5185m	1050	<b>1530</b>	1282	1146
Visc @ 40°C	cSt	ASTM D445	36.7	<b>33.1</b>	34.8	35.7



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : HRE0000497  
**Lab Number** : 06233652  
**Unique Number** : 11117145  
**Test Package** : FLEET  
**Received** : 11 Jul 2024  
**Tested** : 12 Jul 2024  
**Diagnosed** : 12 Jul 2024 - Wes Davis

**TOWN OF CHAPEL HILL**  
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 US 27516  
 Contact: Lisa DePasqua  
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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)