



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

Machine Id  
**1304**  
 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.

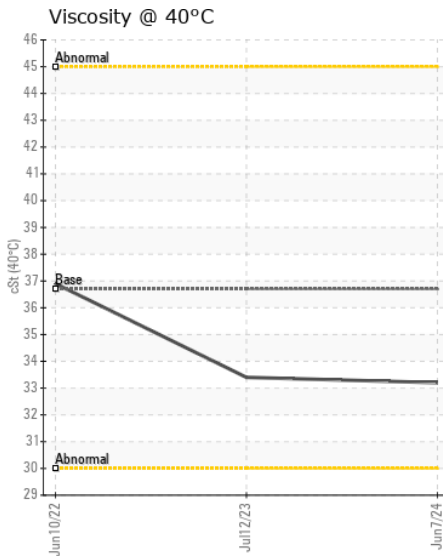
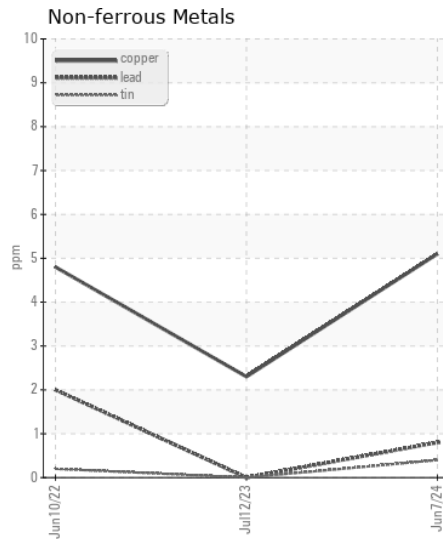
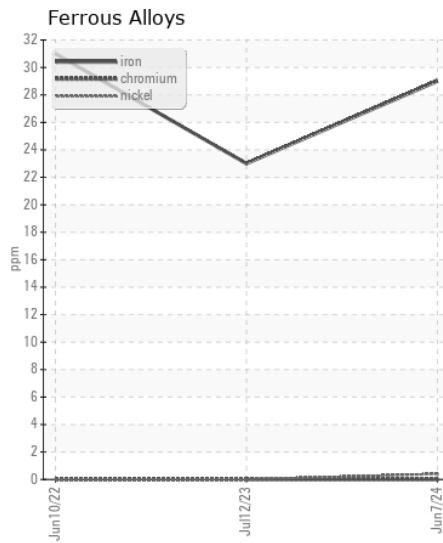
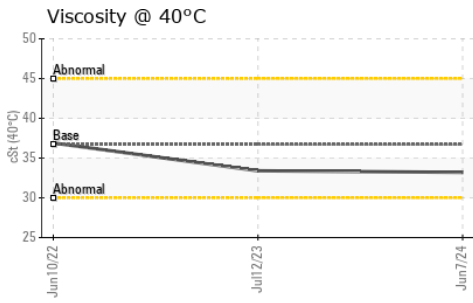
### CONTAMINATION

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>HRE0000509</b>	WC0827073	WC0680373
Sample Date		Client Info		<b>07 Jun 2024</b>	12 Jul 2023	10 Jun 2022
Machine Age	mls	Client Info		<b>299840</b>	277896	256055
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	Changed
Filter Changed		Client Info		<b>Not Changed</b>	Changed	Changed
Sample Status				<b>NORMAL</b>	ABNORMAL	NORMAL
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Iron	ppm	ASTM D5185m	>160	<b>29</b>	23	31
Chromium	ppm	ASTM D5185m	>5	<b>0</b>	0	0
Nickel	ppm	ASTM D5185m	>5	<b>&lt;1</b>	0	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>7</b>	6	8
Lead	ppm	ASTM D5185m	>50	<b>&lt;1</b>	0	2
Copper	ppm	ASTM D5185m	>225	<b>5</b>	2	5
Tin	ppm	ASTM D5185m	>10	<b>&lt;1</b>	0	<1
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	▲ MODER	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
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Silicon	ppm	ASTM D5185m	>20	<b>5</b>	4	9
Potassium	ppm	ASTM D5185m	>20	<b>3</b>	0	2
Water		WC Method	>0.1	<b>NEG</b>	NEG	NEG
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>NONE</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>4</b>	1	2
Boron	ppm	ASTM D5185m	133	<b>88</b>	120	132
Barium	ppm	ASTM D5185m	0	<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m	0	<b>0</b>	<1	<1
Manganese	ppm	ASTM D5185m		<b>&lt;1</b>	0	<1
Magnesium	ppm	ASTM D5185m	0	<b>3</b>	0	3
Calcium	ppm	ASTM D5185m	27	<b>103</b>	100	71
Phosphorus	ppm	ASTM D5185m	293	<b>291</b>	281	427
Zinc	ppm	ASTM D5185m	0	<b>12</b>	11	12
Sulfur	ppm	ASTM D5185m	1050	<b>1500</b>	1481	1747
Visc @ 40°C	cSt	ASTM D445	36.7	<b>33.2</b>	33.4	36.9



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : HRE0000509      **Received** : 18 Jun 2024  
**Lab Number** : **06213932**      **Tested** : 19 Jun 2024  
**Unique Number** : 11086796      **Diagnosed** : 19 Jun 2024 - Wes Davis  
**Test Package** : FLEET

**TOWN OF CHAPEL HILL**  
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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)