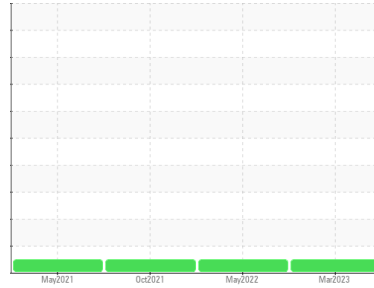




OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
PIERCE 0672
 Component
Transmission (Auto)
 Fluid
ALLISON TES 295 (--- LTR)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal for time on oil.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

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

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			WC0771943	WC0701511	WC0637276
Sample Date	Client Info			13 Mar 2023	25 May 2022	28 Oct 2021
Machine Age	hrs	Client Info		2990	2180	1609
Oil Age	hrs	Client Info		2990	2180	1609
Oil Changed	Client Info			Not Chngd	Not Chngd	Not Chngd
Sample Status				NORMAL	NORMAL	NORMAL

WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>160	172	154	126
Chromium	ppm	ASTM D5185m	>5	0	<1	<1
Nickel	ppm	ASTM D5185m	>5	0	0	1
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m	>5	0	0	0
Aluminum	ppm	ASTM D5185m	>50	40	39	31
Lead	ppm	ASTM D5185m	>50	54	51	48
Copper	ppm	ASTM D5185m	>225	37	33	27
Tin	ppm	ASTM D5185m	>10	6	6	4
Antimony	ppm	ASTM D5185m		---	---	<1
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		0	0	0

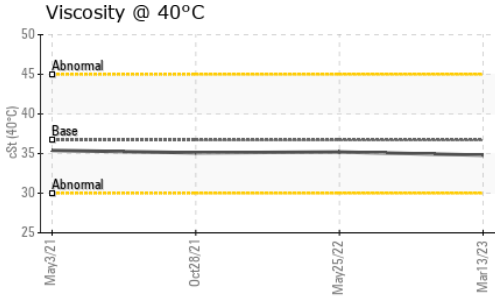
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	133	99	116	117
Barium	ppm	ASTM D5185m	0	0	0	<1
Molybdenum	ppm	ASTM D5185m	0	<1	<1	<1
Manganese	ppm	ASTM D5185m		3	3	2
Magnesium	ppm	ASTM D5185m	0	1	2	1
Calcium	ppm	ASTM D5185m	27	94	92	102
Phosphorus	ppm	ASTM D5185m	293	313	314	334
Zinc	ppm	ASTM D5185m	0	6	17	17
Sulfur	ppm	ASTM D5185m	1050	495	884	1134

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>20	10	10	9
Sodium	ppm	ASTM D5185m		8	8	9
Potassium	ppm	ASTM D5185m	>20	4	5	3

VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	VLITE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
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	>0.1	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG



OIL ANALYSIS REPORT

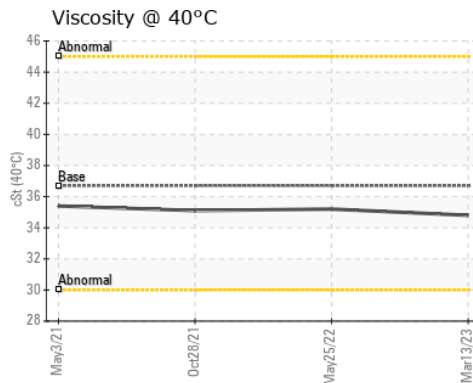
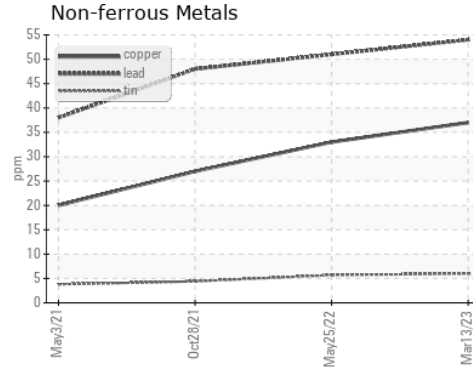
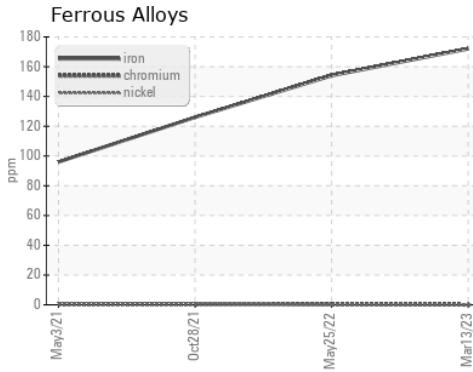


FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	36.7	34.8	35.2	35.1

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

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0771943
Lab Number : 05792419
Unique Number : 10377090
Test Package : CONST

Received : 15 Mar 2023
Diagnosed : 17 Mar 2023
Diagnostician : Don Baldrige

TOWN OF CARY
 420 JAMES JACKSON AVENUE
 CARY, NC
 US 27513
 Contact: BRANDON PASINSKI
 brandon.pasinski@townofcary.org
 T: (919)469-4098
 F: (919)380-6420

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)