



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL

Machine Id
LAKESHORE T4
 Component
Transmission (Auto)
 Fluid
ATF (18 LTR)

RECOMMENDATION

We advise that you check for the source of water entry. We recommend that you drain the fluid from the component if this has not already been done. We recommend an early resample to monitor this condition.

WEAR

All component wear rates are normal.

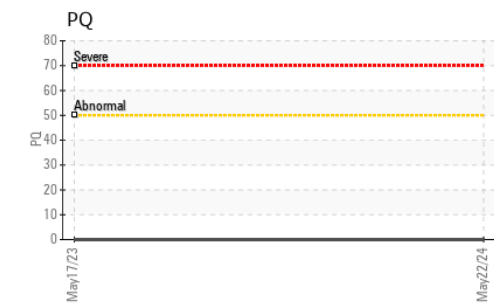
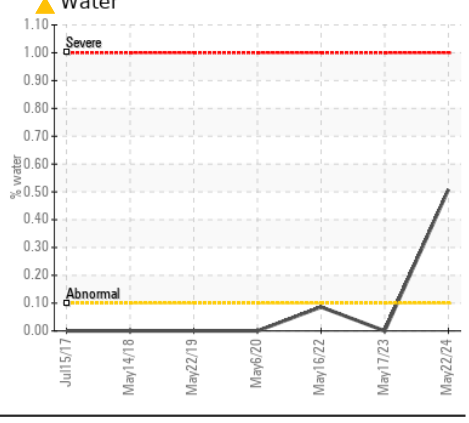
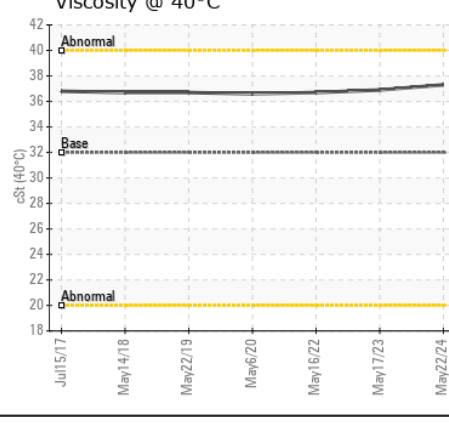
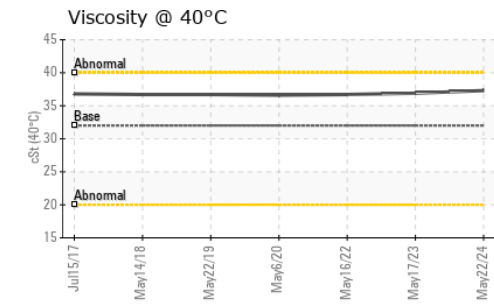
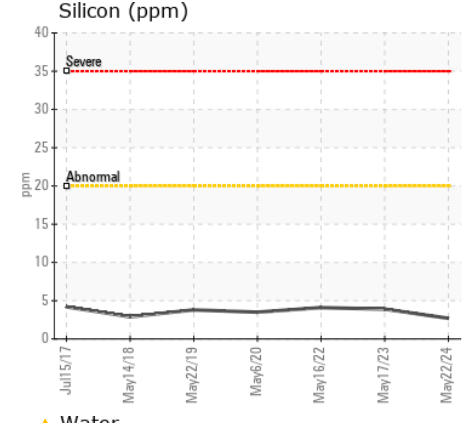
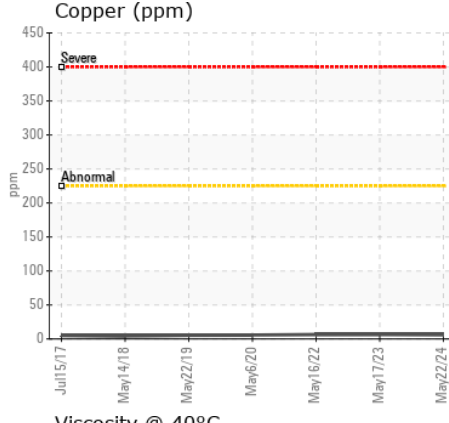
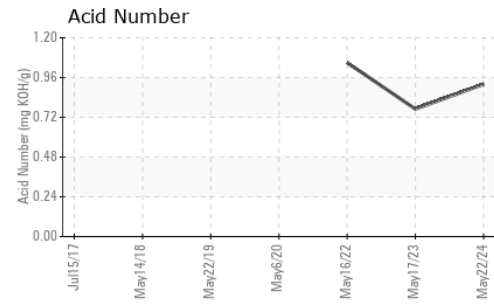
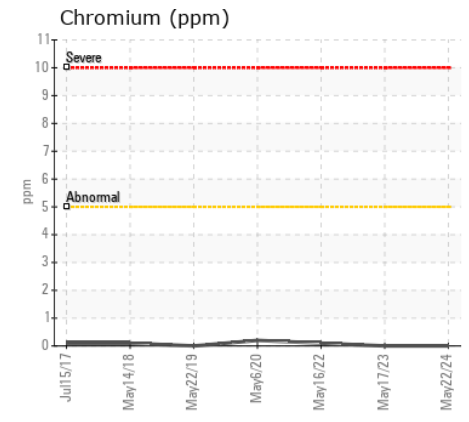
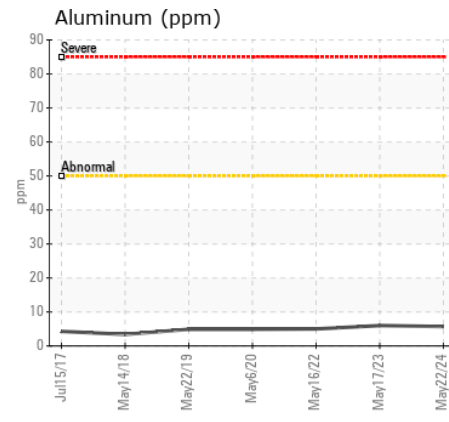
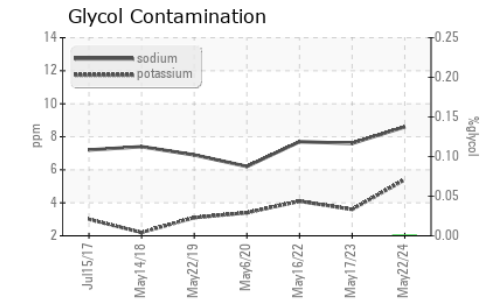
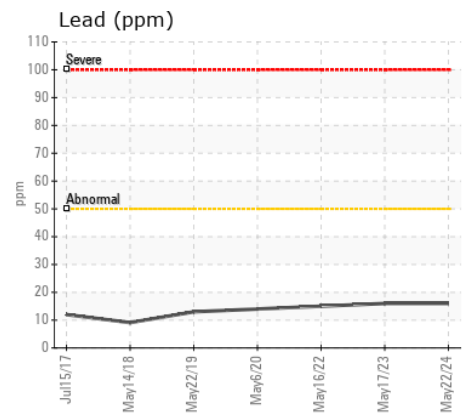
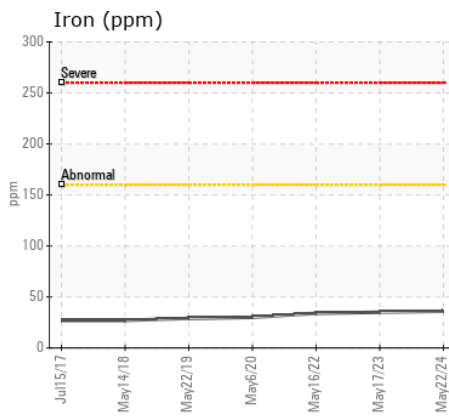
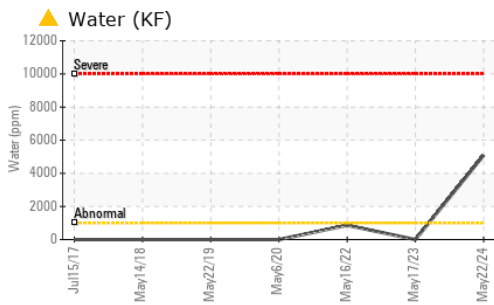
CONTAMINATION

There is a moderate concentration of water present in the fluid. Test for glycol is negative.

FLUID CONDITION

The AN level is acceptable for this fluid. The fluid is no longer serviceable due to the presence of contaminants.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0933485	WC0815791	WC0661124
Sample Date		Client Info		22 May 2024	17 May 2023	16 May 2022
Machine Age	kms	Client Info		35818	33683	30863
Oil Age	kms	Client Info		18491	16311	13536
Filter Age	kms	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	Not Changd	Not Changd
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				ABNORMAL	NORMAL	NORMAL
PQ		ASTM D8184*	>50	0	0	---
Iron	ppm	ASTM D5185(m)	>160	36	35	34
Chromium	ppm	ASTM D5185(m)	>5	0	0	<1
Nickel	ppm	ASTM D5185(m)	>5	<1	<1	<1
Titanium	ppm	ASTM D5185(m)		<1	<1	<1
Silver	ppm	ASTM D5185(m)	>5	0	0	0
Aluminum	ppm	ASTM D5185(m)	>50	6	6	5
Lead	ppm	ASTM D5185(m)	>50	16	16	15
Copper	ppm	ASTM D5185(m)	>225	6	6	6
Tin	ppm	ASTM D5185(m)	>10	<1	1	1
Vanadium	ppm	ASTM D5185(m)		0	0	0
White Metal	scalar	Visual*	NONE	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185(m)	>20	3	4	4
Potassium	ppm	ASTM D5185(m)	>20	5	4	4
Water	%	ASTM D6304*	>0.1	▲ 0.508	---	0.086
ppm Water	ppm	ASTM D6304*	>1000	▲ 5084	---	865.9
Glycol	%	ASTM D7922*		0.0	---	---
Silt	scalar	Visual*	NONE	VLITE	NONE	NONE
Debris	scalar	Visual*	NONE	VLITE	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE	VLITE
Appearance	scalar	Visual*	NORML	▲ MILKY	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	>0.1	▲ .2%	NEG	.2%
Sodium	ppm	ASTM D5185(m)		9	8	8
Boron	ppm	ASTM D5185(m)		69	90	49
Barium	ppm	ASTM D5185(m)		<1	<1	<1
Molybdenum	ppm	ASTM D5185(m)		1	2	2
Manganese	ppm	ASTM D5185(m)		1	1	1
Magnesium	ppm	ASTM D5185(m)		2	2	2
Calcium	ppm	ASTM D5185(m)		73	74	73
Phosphorus	ppm	ASTM D5185(m)		274	298	293
Zinc	ppm	ASTM D5185(m)		30	27	27
Sulfur	ppm	ASTM D5185(m)		552	363	343
Acid Number (AN)	mg KOH/g	ASTM D974*		0.92	0.77	1.05
Visc @ 40°C	cSt	ASTM D7279(m)	32.0	37.3	36.9	36.7



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0933485 **Received** : 24 May 2024
Lab Number : 02637513 **Tested** : 27 May 2024
Unique Number : 5786675 **Diagnosed** : 27 May 2024 - Kevin Marson
Test Package : MOB 2 (Additional Tests: GLYCOL, KF, PQ)

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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.