



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
LAKESHORE E4
 Component
Transmission (Auto)
 Fluid
CASTROL TRANSYND (20 LTR)

RECOMMENDATION

Confirm the source of the lubricant being utilized for top-up/fill.
 Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

There is no indication of any contamination in the fluid.

FLUID CONDITION

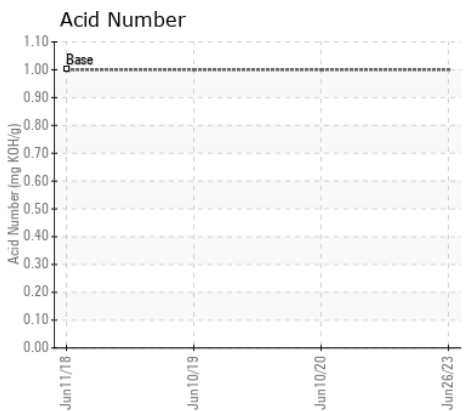
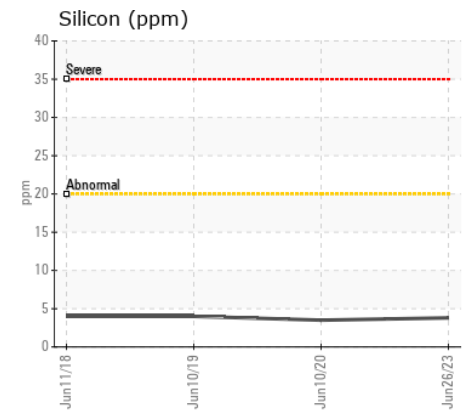
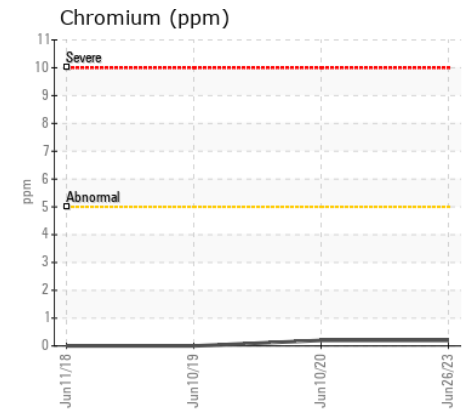
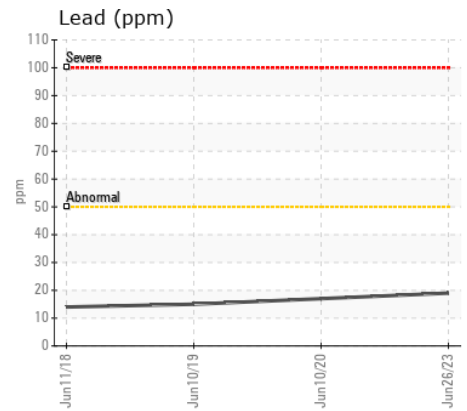
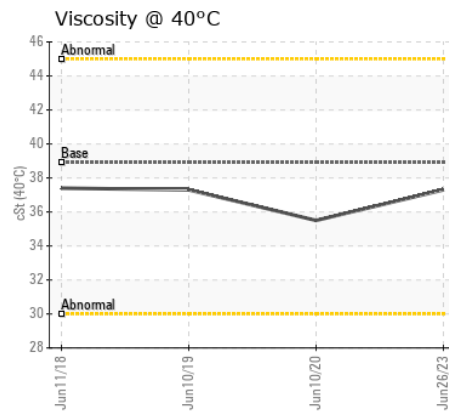
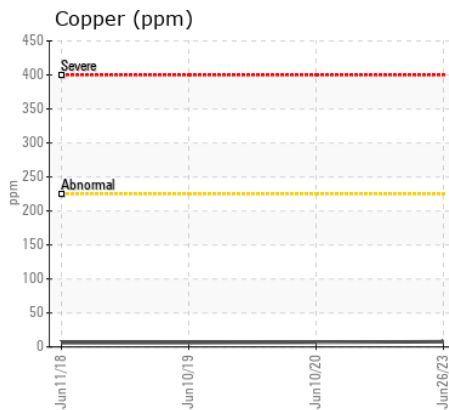
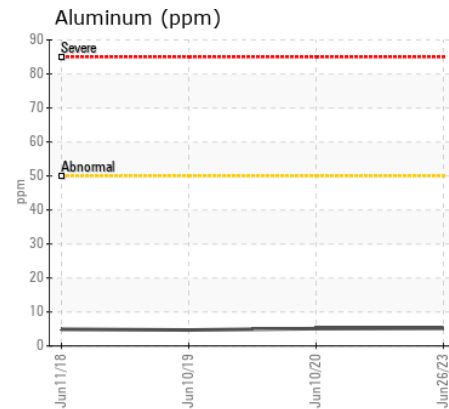
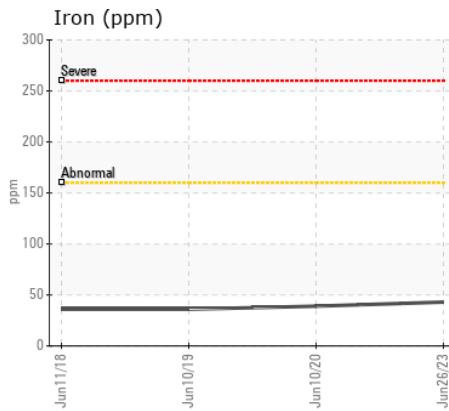
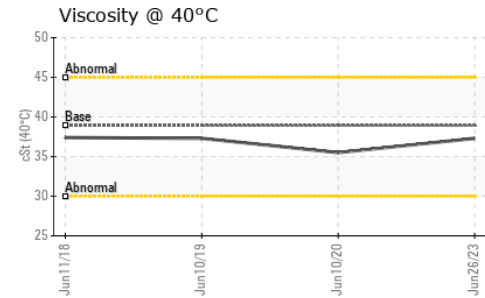
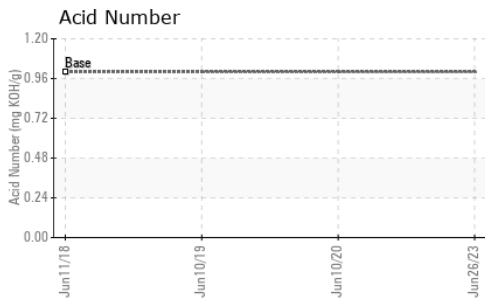
Additive levels indicate the addition of a different brand, or type of fluid.
 The AN level is acceptable for this fluid. The condition of the fluid is suitable for further service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0815797	AP108387	AP106624
Sample Date		Client Info		26 Jun 2023	10 Jun 2020	10 Jun 2019
Machine Age	kms	Client Info		35718	29584	27360
Oil Age	kms	Client Info		1792	10878	8654
Filter Age	kms	Client Info		1792	10878	8654
Oil Changed		Client Info		Not Changd	Not Changd	Not Changd
Filter Changed		Client Info		N/A	Not Changd	Not Changd
Sample Status				NORMAL	NORMAL	NORMAL

Iron	ppm	ASTM D5185(m)	>160	43	39	36
Chromium	ppm	ASTM D5185(m)	>5	<1	<1	0
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	5	5	5
Lead	ppm	ASTM D5185(m)	>50	19	17	15
Copper	ppm	ASTM D5185(m)	>225	8	7	6
Tin	ppm	ASTM D5185(m)	>10	<1	<1	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0
White Metal	scalar	Visual*	NONE	NONE	VLITE	VLITE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	NONE

Silicon	ppm	ASTM D5185(m)	>20	4	4	4
Potassium	ppm	ASTM D5185(m)	>20	4	5	4
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	Visual*	NONE	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	NONE	VLITE
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

Sodium	ppm	ASTM D5185(m)		10	10	10
Boron	ppm	ASTM D5185(m)	150	47	86	85
Barium	ppm	ASTM D5185(m)	0	<1	1	1
Molybdenum	ppm	ASTM D5185(m)	0	<1	<1	<1
Manganese	ppm	ASTM D5185(m)		1	1	1
Magnesium	ppm	ASTM D5185(m)	0	2	2	2
Calcium	ppm	ASTM D5185(m)	40	64	63	61
Phosphorus	ppm	ASTM D5185(m)	320	285	275	266
Zinc	ppm	ASTM D5185(m)	5	25	24	23
Sulfur	ppm	ASTM D5185(m)	1050	384	419	348
Acid Number (AN)	mg KOH/g	ASTM D974*	1.0	1.05	---	---
Visc @ 40°C	cSt	ASTM D7279(m)	38.9	37.3	35.5	37.3



ISO 17025:2017
Accredited
Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0815797
Lab Number : 02567829
Unique Number : 5604875
Test Package : MOB 2 (Additional Tests: TAN Man)

Received : 04 Jul 2023
Tested : 04 Jul 2023
Diagnosed : 05 Jul 2023 - Kevin Marson

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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.