



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	ATTENTION



Machine Id
VOLVO L120H 632797
Component
Transmission (Auto)
Fluid
VOLVO AT 102 (--- GAL)

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

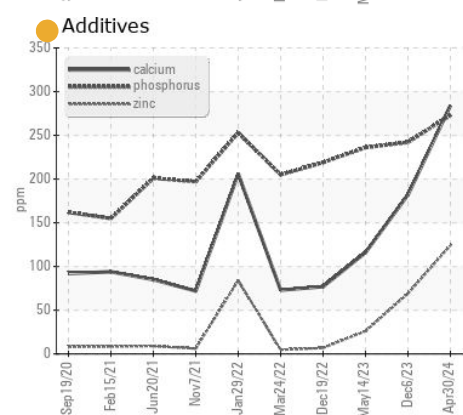
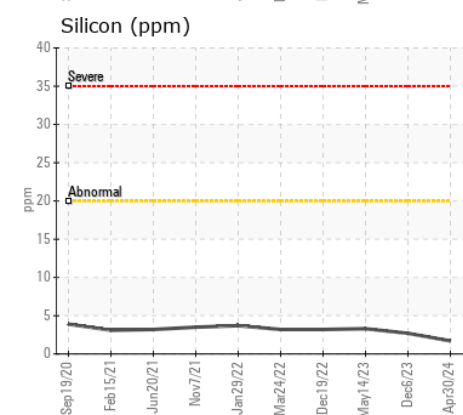
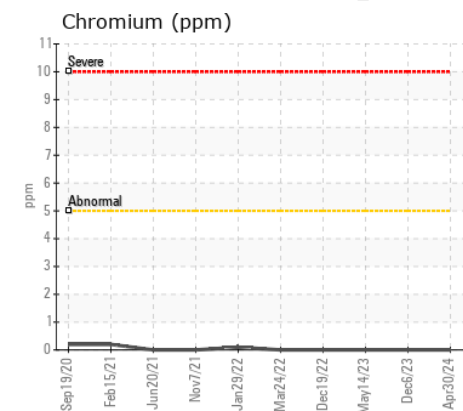
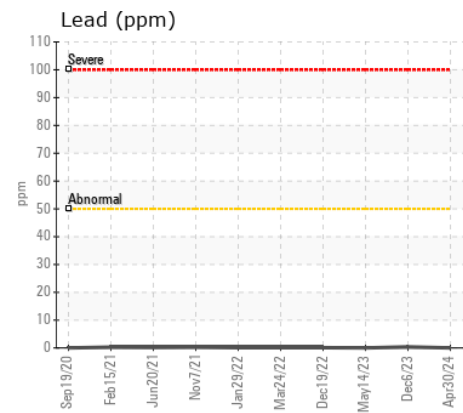
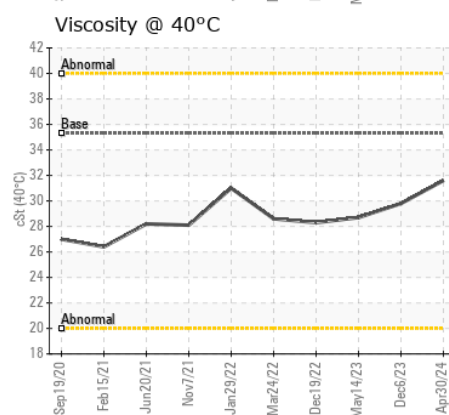
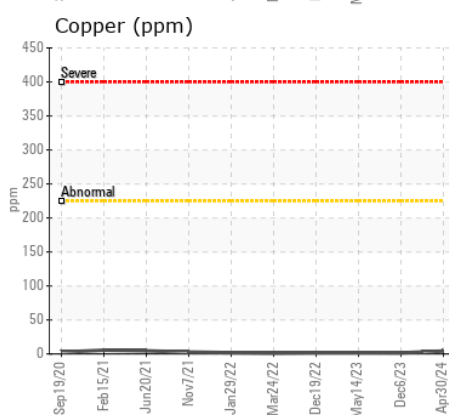
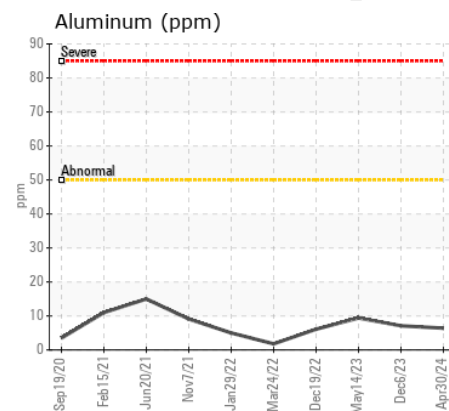
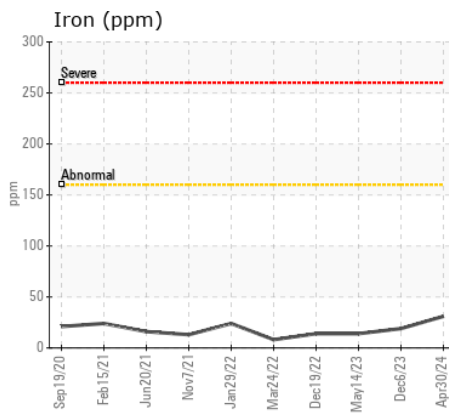
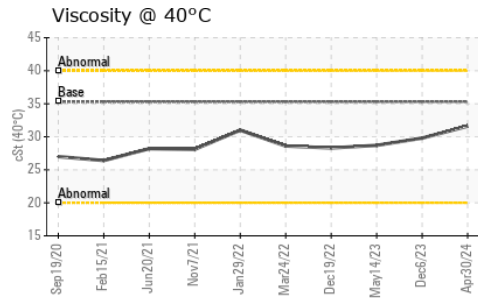
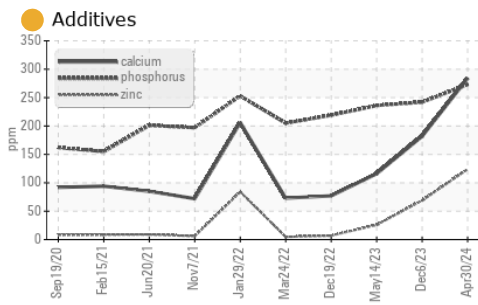
Additive levels indicate the addition of a different brand, or type of fluid.
The condition of the fluid is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0896390	WC0849242	WC0804599
Sample Date		Client Info		30 Apr 2024	06 Dec 2023	14 May 2023
Machine Age	hrs	Client Info		20000	18000	16000
Oil Age	hrs	Client Info		2000	2000	2000
Filter Age	hrs	Client Info		2000	2000	2000
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		Changed	Changed	Changed
Sample Status				ATTENTION	NORMAL	NORMAL

Iron	ppm	ASTM D5185(m)	>160	31	19	14
Chromium	ppm	ASTM D5185(m)	>5	0	0	0
Nickel	ppm	ASTM D5185(m)	>5	0	<1	<1
Titanium	ppm	ASTM D5185(m)		0	0	0
Silver	ppm	ASTM D5185(m)	>5	0	<1	0
Aluminum	ppm	ASTM D5185(m)	>50	6	7	9
Lead	ppm	ASTM D5185(m)	>50	0	<1	0
Copper	ppm	ASTM D5185(m)	>225	4	2	2
Tin	ppm	ASTM D5185(m)	>10	0	0	0
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	2	3	3
Potassium	ppm	ASTM D5185(m)	>20	<1	<1	1
Water		WC Method	>0.1	NEG	NEG	NEG
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

Sodium	ppm	ASTM D5185(m)		2	1	2
Boron	ppm	ASTM D5185(m)	187	77	82	86
Barium	ppm	ASTM D5185(m)	0.0	0	<1	0
Molybdenum	ppm	ASTM D5185(m)	0.0	0	<1	<1
Manganese	ppm	ASTM D5185(m)	0.0	<1	0	<1
Magnesium	ppm	ASTM D5185(m)	6.8	5	5	2
Calcium	ppm	ASTM D5185(m)	215	284	182	116
Phosphorus	ppm	ASTM D5185(m)	445	273	242	236
Zinc	ppm	ASTM D5185(m)	56	124	69	26
Sulfur	ppm	ASTM D5185(m)	1336	1800	1825	1796
Visc @ 40°C	cSt	ASTM D7279(m)	35.3	31.6	29.8	28.7



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0896390
Lab Number : 02634665
Unique Number : 5775818
Test Package : MOB 1
Received : 10 May 2024
Tested : 10 May 2024
Diagnosed : 10 May 2024 - Kevin Marson

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 CA E2A 6W6
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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.