



# CONSTRUCTION EQUIPMENT

SWO-0714203 VOLVO L120H 632828 - TRANSMISSION (AUTO)



**Sample No:** VCP449839  
**Oil Type:** DEXRON III  
**Job No:** SWO-0714203



## SAMPLE INFORMATION

Sample Number	<b>VCP449839</b>	VCP435521	VCP434023	VCP408956
Sample Date	<b>16 Apr 2024</b>	05 Jan 2024	04 Oct 2023	12 Jun 2023
Machine Hours	<b>4868</b>	4372	3901	3488
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Changd</b>	Not Changd	Changed	Not Changd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

### SAIIA CONSTRUCTION LLC

4400 LEWISBURG RD  
BIRMINGHAM, AL  
US 35207

Contact: STEPHANI BRITTON  
sbritton@saiia.com;doug.bogart@wearcheck.com  
T: (205)943-2268  
F: (205)943-2269



## OIL CONDITION

Visc @ 40°C	cSt	<b>28.3</b>	28.1	28.5	27.1
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## CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>3</b>	3	7	7
Sodium	ppm	<b>3</b>	0	4	0
Potassium	ppm	<b>1</b>	2	0	1

## Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.



## WEAR METALS

Iron	ppm	<b>16</b>	15	56	53
Copper	ppm	<b>3</b>	2	5	5
Lead	ppm	<b>&lt;1</b>	<1	0	<1
Tin	ppm	<b>&lt;1</b>	<1	<1	0
Aluminum	ppm	<b>2</b>	2	6	6
Chromium	ppm	<b>&lt;1</b>	<1	<1	0
Molybdenum	ppm	<b>&lt;1</b>	<1	0	<1
Nickel	ppm	<b>0</b>	0	0	0
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	<1	3	3
Vanadium	ppm	<b>&lt;1</b>	0	0	0



## ADDITIVES

Calcium	ppm	<b>70</b>	72	77	87
Magnesium	ppm	<b>1</b>	2	2	4
Zinc	ppm	<b>8</b>	0	17	26
Phosphorus	ppm	<b>176</b>	202	167	176
Barium	ppm	<b>0</b>	3	1	3
Boron	ppm	<b>84</b>	108	63	70

**Depot:** SAIBIR  
**Unique No:** 10991900  
**Signed:** Jonathan Hester  
**Report Date:** 24 Apr 2024

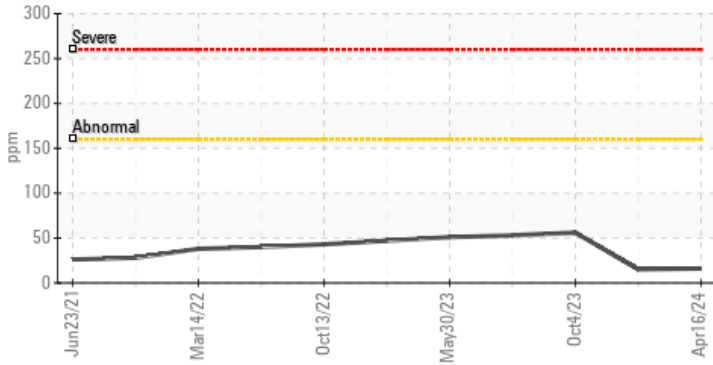


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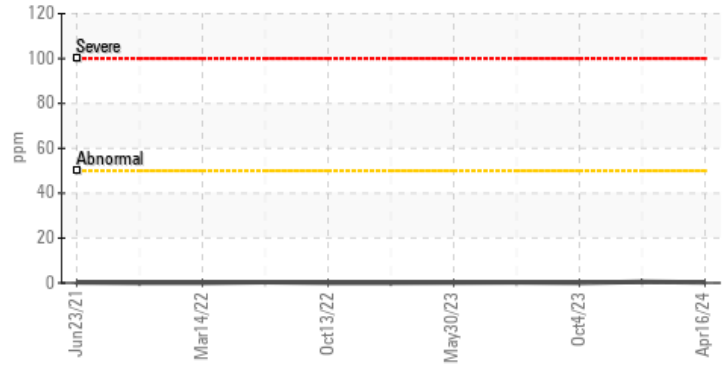


## GRAPHS

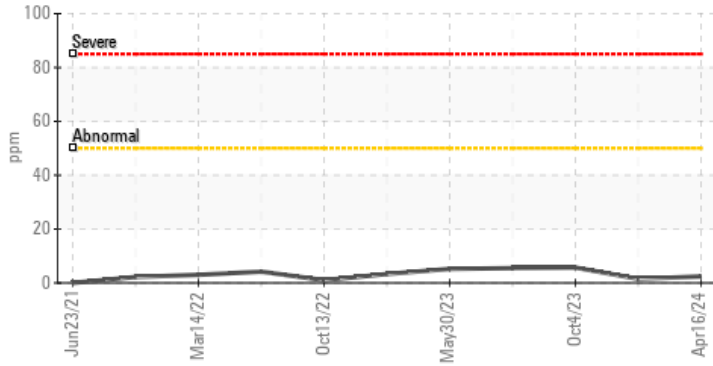
### Iron (ppm)



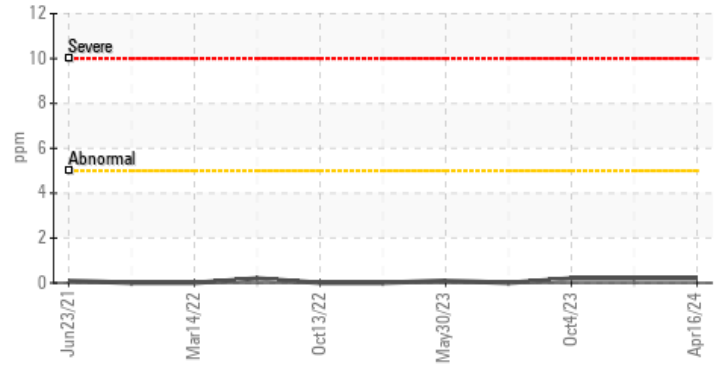
### Lead (ppm)



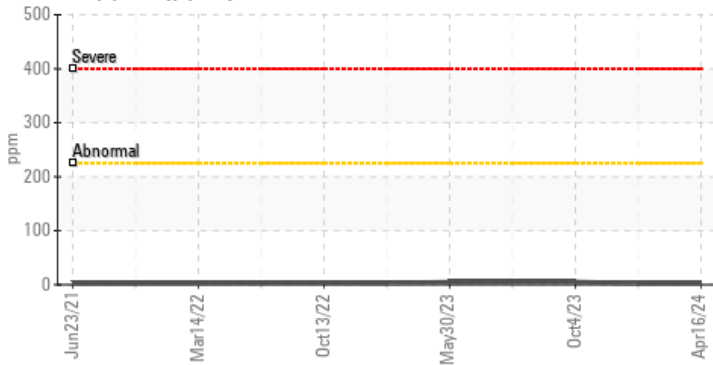
### Aluminum (ppm)



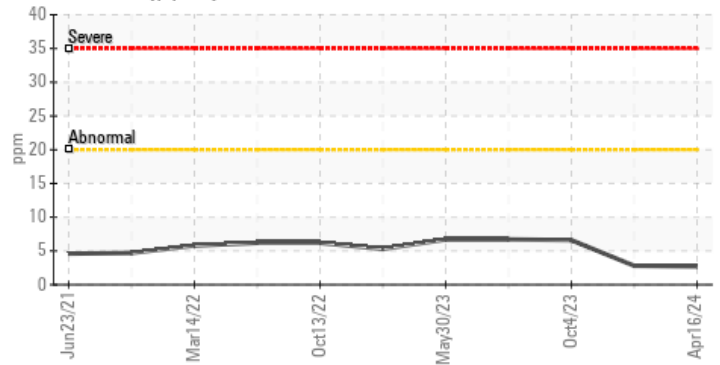
### Chromium (ppm)



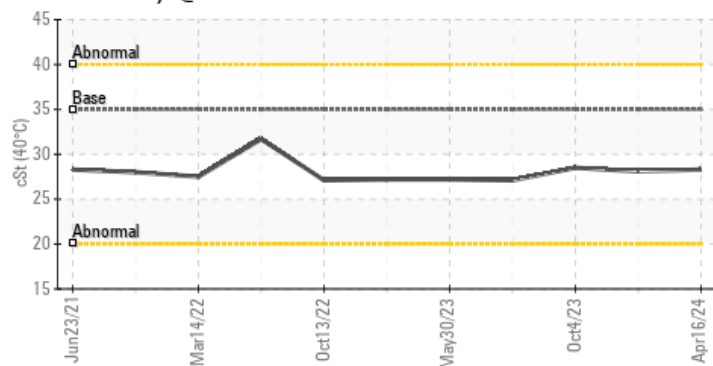
### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

