



# CONSTRUCTION EQUIPMENT

## 527681 WASTE MGMT VOLVO L60H 622532 - FRONT AXLE



**Sample No:** VCP446349  
**Oil Type:** VOLVO WB 102  
**Job No:** 527681 WASTE MGMT



### SAMPLE INFORMATION

Sample Number	<b>VCP446349</b>	VCP442540	VCP433330	VCP395971
Sample Date	<b>05 Apr 2024</b>	14 Feb 2024	11 Oct 2023	31 Jan 2023
Machine Hours	<b>11071</b>	10530	9385	7204
Oil Hours	<b>2000</b>	2000	4000	1000
Oil Changed	<b>Changed</b>	Changed	Not Changd	Not Changd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

**WASTE MANAGEMENT TAMPA TRANSFER**  
 3518 4TH AVE  
 TAMPA, FL  
 US 33605  
 Contact: JOHN POLLOCK  
 jpollock2@wm.com  
 T: (813)247-7397  
 F: (813)247-4847



### OIL CONDITION

Visc @ 40°C	cSt	<b>40.8</b>	40.3	39.8	40.2
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>13</b>	15	15	15
Sodium	ppm	<b>0</b>	11	11	12
Potassium	ppm	<b>0</b>	0	1	<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 oil. The condition of the oil is acceptable for the time in service.



### WEAR METALS

Iron	ppm	<b>17</b>	228	187	204
Copper	ppm	<b>0</b>	2	2	3
Lead	ppm	<b>0</b>	0	0	<1
Tin	ppm	<b>&lt;1</b>	0	0	<1
Aluminum	ppm	<b>1</b>	<1	1	<1
Chromium	ppm	<b>&lt;1</b>	7	6	7
Molybdenum	ppm	<b>43</b>	3	2	5
Nickel	ppm	<b>0</b>	<1	1	1
Titanium	ppm	<b>0</b>	0	<1	<1
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>1</b>	12	10	11
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>3928</b>	4005	3757	4112
Magnesium	ppm	<b>41</b>	0	9	17
Zinc	ppm	<b>1583</b>	1652	1621	1656
Phosphorus	ppm	<b>1311</b>	1402	1257	1287
Barium	ppm	<b>&lt;1</b>	0	0	0
Boron	ppm	<b>154</b>	133	119	149

**Depot:** WASTAM  
**Unique No:** 11018956  
**Signed:** Don Baldrige  
**Report Date:** 10 May 2024

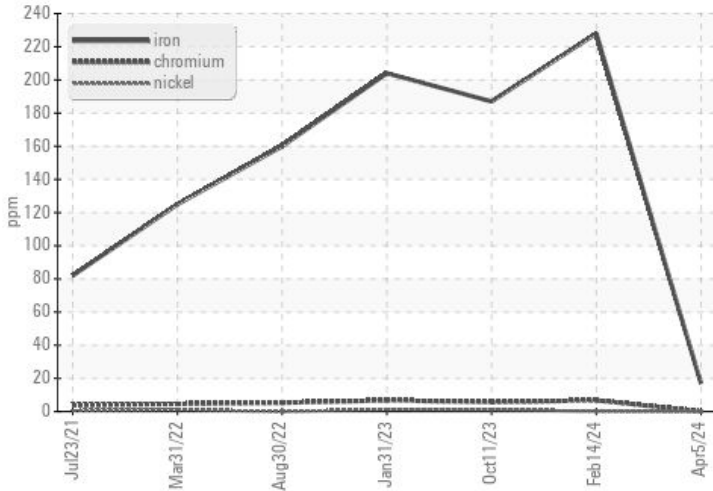


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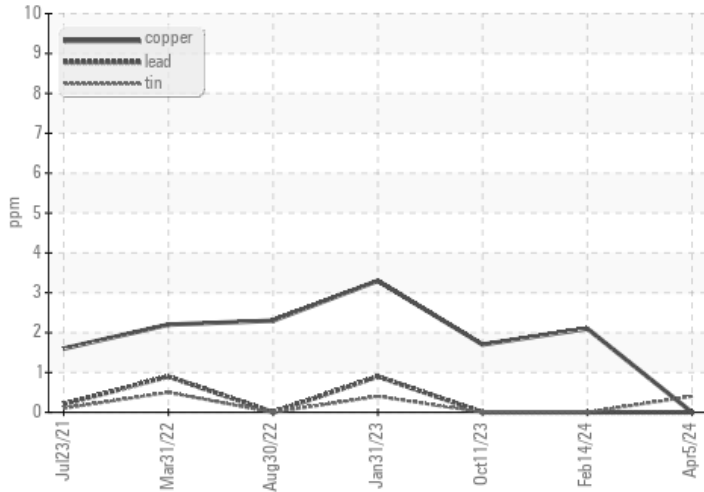


## GRAPHS

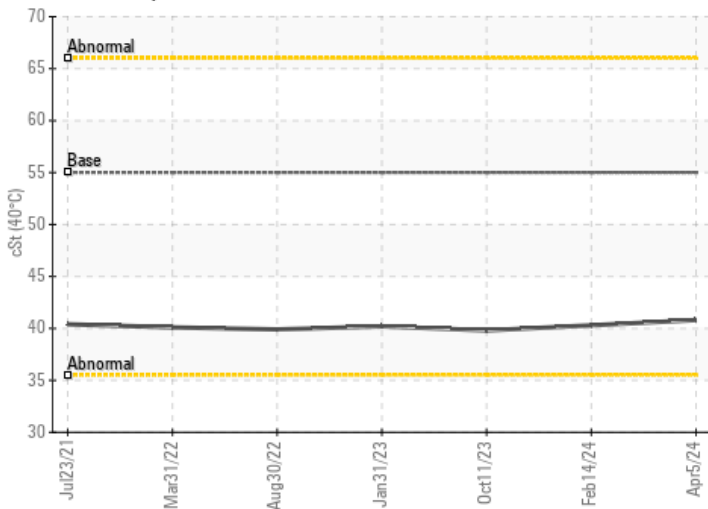
### Ferrous Alloys



### Non-ferrous Metals



### Viscosity @ 40°C



### Acid Number

