



# CONSTRUCTION EQUIPMENT

SWO-066750 VOLVO A45G 352736 - TRANSMISSION (AUTO)



**Sample No:** VCP431953  
**Oil Type:** DEXRON III  
**Job No:** SWO-066750



## SAMPLE INFORMATION

Sample Number	<b>VCP431953</b>	VCP425076	VCP400725	VCP397709
Sample Date	<b>25 Oct 2023</b>	01 Aug 2023	02 May 2023	07 Dec 2022
Machine Hours	<b>4412</b>	7719	3396	2918
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Chngd</b>	Changed	Not Chngd	Changed
Sample Status	<b>NORMAL</b>	NORMAL	ABNORMAL	NORMAL

### SAIIA CONSTRUCTION LLC

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US 35207

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## OIL CONDITION

Visc @ 40°C	cSt	<b>28.4</b>	28.1	29.4	28.5
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## CONTAMINATION

Silicon	ppm	<b>7</b>	7	6	5
Sodium	ppm	<b>2</b>	<1	4	2
Potassium	ppm	<b>2</b>	<1	0	<1



## WEAR METALS

Iron	ppm	<b>15</b>	24	13	22
Copper	ppm	<b>16</b>	27	14	18
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>2</b>	3	<1	2
Aluminum	ppm	<b>17</b>	27	10	9
Chromium	ppm	<b>0</b>	0	0	0
Molybdenum	ppm	<b>&lt;1</b>	<1	<1	0
Nickel	ppm	<b>3</b>	5	2	3
Titanium	ppm	<b>&lt;1</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	<1	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



## ADDITIVES

Calcium	ppm	<b>73</b>	74	73	71
Magnesium	ppm	<b>3</b>	2	3	0
Zinc	ppm	<b>4</b>	5	0	2
Phosphorus	ppm	<b>198</b>	181	184	189
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>97</b>	112	78	88

## 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.

**Depot:** SAIBIR  
**Unique No:** 10715074  
**Signed:** Angela Borella  
**Report Date:** 31 Oct 2023

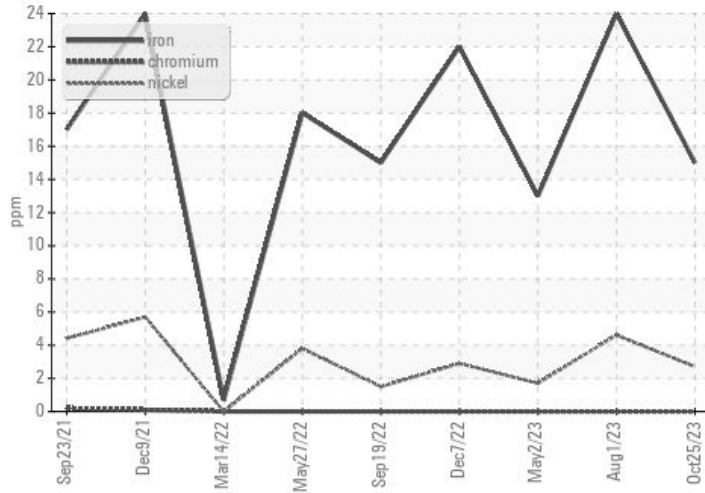


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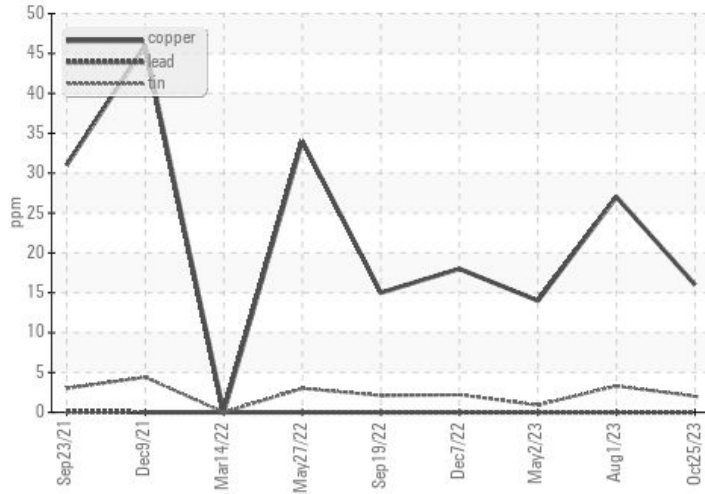


## GRAPHS

### Ferrous Alloys



### Non-ferrous Metals



### Viscosity @ 40°C

