



# CONSTRUCTION EQUIPMENT

SWO068081 VOLVO A30G 752673 - WET DISC BRAKE



**Sample No:** VCP433318  
**Oil Type:** VOLVO WET BRAKE TRANSAXLE OIL  
**Job No:** SWO068081



## SAMPLE INFORMATION

Sample Number	<b>VCP433318</b>	VCP435441	VCP424257	VCP383833
Sample Date	<b>06 Dec 2023</b>	27 Sep 2023	23 Jun 2023	02 Dec 2022
Machine Hours	<b>1983</b>	1495	987	490
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	Not Changd	Not Changd	Not Changd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	ABNORMAL

### SAIIA CONSTRUCTION LLC

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 T: (205)943-2268  
 F: (205)943-2269



## OIL CONDITION

Visc @ 40°C	cSt	<b>43.0</b>	43.3	47.2	43.3
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## CONTAMINATION

Water	%	<b>NEG</b>	NEG	NEG	0.428
Silicon	ppm	<b>14</b>	15	13	13
Sodium	ppm	<b>3</b>	4	3	2
Potassium	ppm	<b>0</b>	6	5	4



## WEAR METALS

Iron	ppm	<b>16</b>	6	6	9
Copper	ppm	<b>214</b>	216	147	107
Lead	ppm	<b>3</b>	<1	0	2
Tin	ppm	<b>0</b>	<1	<1	<1
Aluminum	ppm	<b>0</b>	0	0	<1
Chromium	ppm	<b>&lt;1</b>	0	<1	<1
Molybdenum	ppm	<b>&lt;1</b>	0	<1	<1
Nickel	ppm	<b>0</b>	<1	<1	<1
Titanium	ppm	<b>&lt;1</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>1</b>	2	<1	<1
Vanadium	ppm	<b>&lt;1</b>	0	0	0



## ADDITIVES

Calcium	ppm	<b>3407</b>	3814	3588	3609
Magnesium	ppm	<b>0</b>	6	7	9
Zinc	ppm	<b>1250</b>	1610	1455	1279
Phosphorus	ppm	<b>1173</b>	1341	1195	1114
Barium	ppm	<b>0</b>	0	<1	0
Boron	ppm	<b>135</b>	120	112	120

## 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.

**Depot:** SAIBIR  
**Unique No:** 10780757  
**Signed:** Don Baldrige  
**Report Date:** 14 Dec 2023

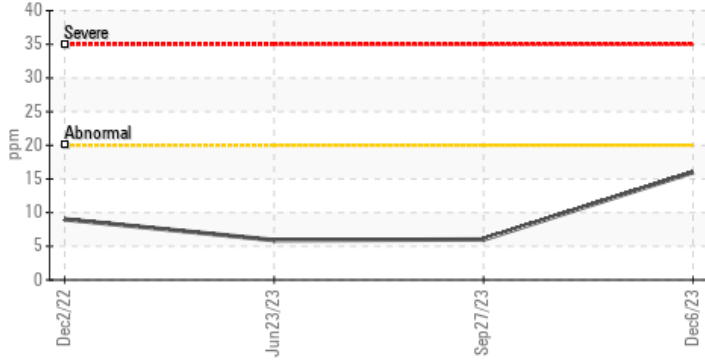


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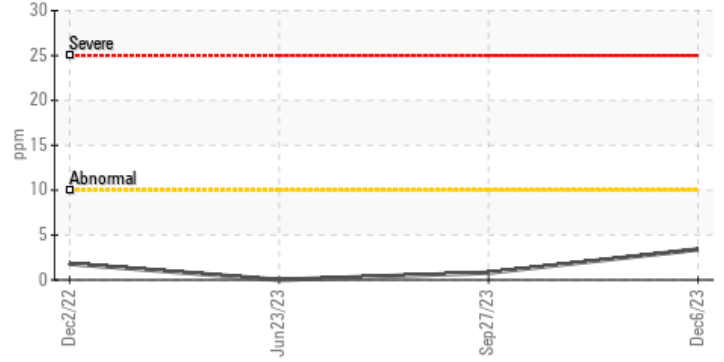


## GRAPHS

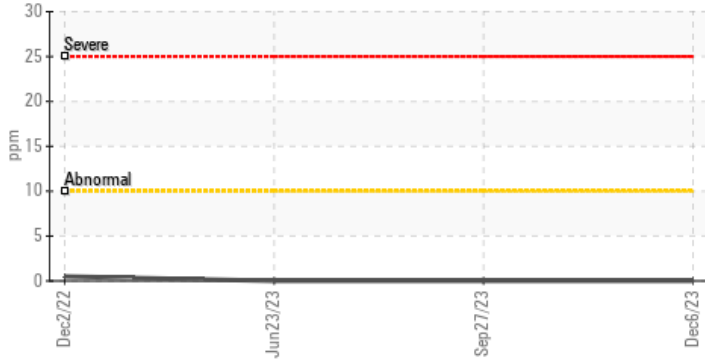
### Iron (ppm)



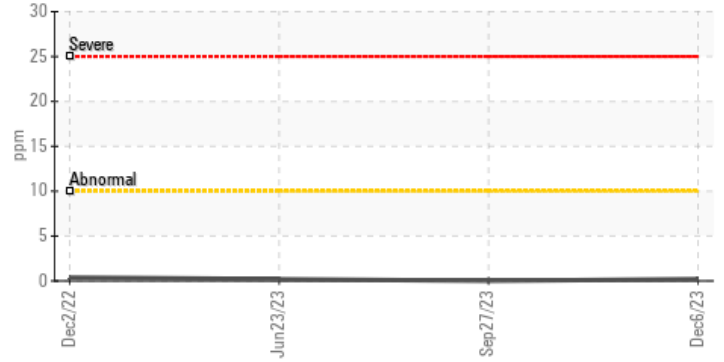
### Lead (ppm)



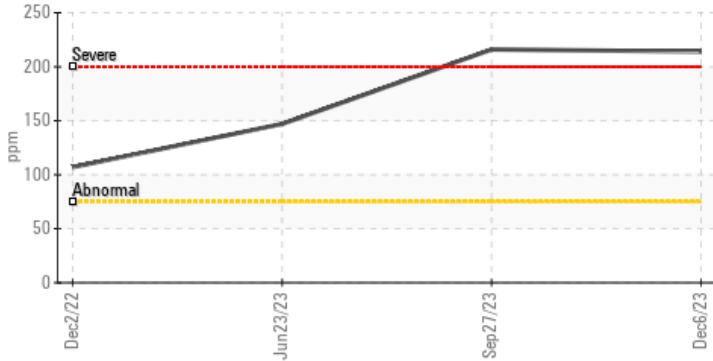
### Aluminum (ppm)



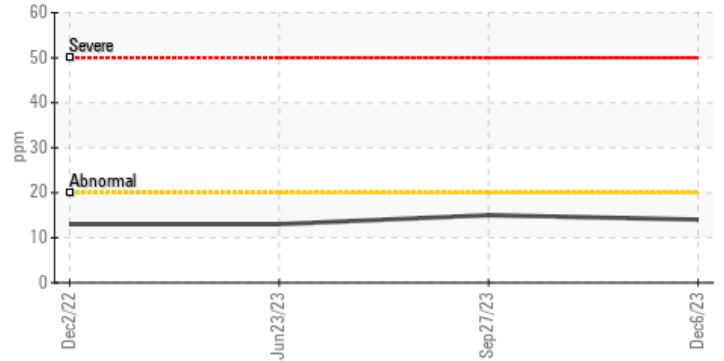
### Chromium (ppm)



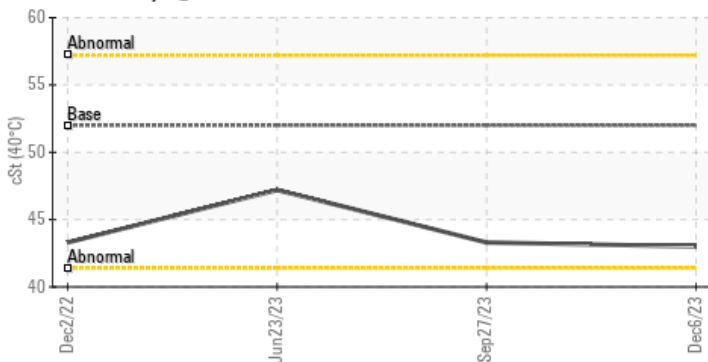
### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

