



# CONSTRUCTION EQUIPMENT

SWO-065605 VOLVO A30F 82223 - FRONT AXLE



**Sample No:** VCP431135  
**Oil Type:** NOT GIVEN  
**Job No:** SWO-065605



## SAMPLE INFORMATION

Sample Number	<b>VCP431135</b>	VCP424665	VCP366682	VCP354275
Sample Date	<b>07 Sep 2023</b>	03 May 2023	16 Aug 2022	10 May 2022
Machine Hours	<b>3759</b>	3243	2751	2263
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	NORMAL

### SAIIA CONSTRUCTION LLC

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## OIL CONDITION

Visc @ 40°C	cSt	<b>59.5</b>	60.0	59.9	60.7
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## CONTAMINATION

Silicon	ppm	<b>6</b>	4	3	4
Sodium	ppm	<b>2</b>	2	0	0
Potassium	ppm	<b>4</b>	1	0	2



## WEAR METALS

Iron	ppm	<b>358</b>	294	287	220
Copper	ppm	<b>19</b>	18	16	16
Lead	ppm	<b>&lt;1</b>	0	0	0
Tin	ppm	<b>&lt;1</b>	<1	1	<1
Aluminum	ppm	<b>0</b>	0	1	1
Chromium	ppm	<b>8</b>	7	5	5
Molybdenum	ppm	<b>0</b>	<1	0	<1
Nickel	ppm	<b>4</b>	3	3	<1
Titanium	ppm	<b>3</b>	3	2	3
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>17</b>	14	12	13
Vanadium	ppm	<b>0</b>	0	0	0



## ADDITIVES

Calcium	ppm	<b>35</b>	34	30	35
Magnesium	ppm	<b>1</b>	1	0	0
Zinc	ppm	<b>20</b>	5	19	10
Phosphorus	ppm	<b>1432</b>	1365	1262	1479
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>200</b>	168	238	229

## 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:** 10646464  
**Signed:** Angela Borella  
**Report Date:** 18 Sep 2023



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## GRAPHS

