



# CONSTRUCTION EQUIPMENT

## SWO-065585 EPIROC TMG21 SEDO346 - REAR LEFT FINAL DRIVE



**Sample No:** VCP433241  
**Oil Type:** NOT GIVEN  
**Job No:** SWO-065585



### SAMPLE INFORMATION

Sample Number	<b>VCP433241</b>	VCP369316	VCP407510	VCP402811
Sample Date	<b>05 Sep 2023</b>	26 Jul 2023	24 May 2023	25 Apr 2023
Machine Hours	<b>4067</b>	3837	3531	3310
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Changd</b>	Changed	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>219</b>	214	218	218
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### CONTAMINATION

Silicon	ppm	<b>21</b>	20	26	21
Sodium	ppm	<b>&lt;1</b>	0	0	<1
Potassium	ppm	<b>&lt;1</b>	<1	<1	0



### WEAR METALS

Iron	ppm	<b>93</b>	91	80	63
Copper	ppm	<b>6</b>	4	5	4
Lead	ppm	<b>8</b>	14	12	6
Tin	ppm	<b>&lt;1</b>	0	<1	0
Aluminum	ppm	<b>&lt;1</b>	<1	0	<1
Chromium	ppm	<b>&lt;1</b>	<1	<1	<1
Molybdenum	ppm	<b>0</b>	0	0	0
Nickel	ppm	<b>&lt;1</b>	<1	<1	0
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>1</b>	1	1	1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>8</b>	11	11	12
Magnesium	ppm	<b>2</b>	<1	1	2
Zinc	ppm	<b>0</b>	6	7	8
Phosphorus	ppm	<b>484</b>	422	486	449
Barium	ppm	<b>0</b>	0	2	0
Boron	ppm	<b>0</b>	<1	<1	0

### 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:** 10647695  
**Signed:** Don Baldrige  
**Report Date:** 19 Sep 2023

**VOLVO** **GRAPHS**

