



# CONSTRUCTION EQUIPMENT

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



**Sample No:** VCP433245  
**Oil Type:** NOT GIVEN  
**Job No:** SWO-065585



### SAMPLE INFORMATION

Sample Number	<b>VCP433245</b>	VCP369323	VCP408281	VCP402870
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 Chngd</b>	Changed	Not Chngd	N/A
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

### SAIIA CONSTRUCTION LLC

4400 LEWISBURG RD  
 BIRMINGHAM, AL  
 US 35207

Contact: STEPHANI BRITTON  
 sbritton@saiia.com;doug.bogart@wearcheck.com  
 T: (205)943-2268  
 F: (205)943-2269



### OIL CONDITION

Visc @ 40°C	cSt	<b>220</b>	174	217	217
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### CONTAMINATION

Silicon	ppm	<b>23</b>	25	26	23
Sodium	ppm	<b>&lt;1</b>	0	0	<1
Potassium	ppm	<b>&lt;1</b>	<1	<1	0



### WEAR METALS

Iron	ppm	<b>84</b>	121	96	82
Copper	ppm	<b>6</b>	13	10	9
Lead	ppm	<b>9</b>	17	15	10
Tin	ppm	<b>&lt;1</b>	<1	<1	0
Aluminum	ppm	<b>&lt;1</b>	2	0	<1
Chromium	ppm	<b>&lt;1</b>	1	1	<1
Molybdenum	ppm	<b>0</b>	<1	0	<1
Nickel	ppm	<b>&lt;1</b>	<1	<1	<1
Titanium	ppm	<b>&lt;1</b>	<1	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>1</b>	2	1	2
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>24</b>	24	18	22
Magnesium	ppm	<b>3</b>	1	1	2
Zinc	ppm	<b>10</b>	12	9	10
Phosphorus	ppm	<b>487</b>	413	412	434
Barium	ppm	<b>&lt;1</b>	0	3	0
Boron	ppm	<b>&lt;1</b>	13	<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:** 10647694  
**Signed:** Don Baldrige  
**Report Date:** 19 Sep 2023



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## VOLVO GRAPHS

