



# CONSTRUCTION EQUIPMENT

## SWO-064092 EPIROC TMG21 SEDO346 - REAR LEFT FINAL DRIVE



**Sample No:** VCP369316  
**Oil Type:** NOT GIVEN  
**Job No:** SWO-064092



### SAMPLE INFORMATION

Sample Number	<b>VCP369316</b>	VCP407510	VCP402811	VCP402881
Sample Date	<b>26 Jul 2023</b>	24 May 2023	25 Apr 2023	10 Mar 2023
Machine Hours	<b>3837</b>	3531	3310	3112
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>214</b>	218	218	219
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### CONTAMINATION

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



### WEAR METALS

Iron	ppm	<b>91</b>	80	63	49
Copper	ppm	<b>4</b>	5	4	3
Lead	ppm	<b>14</b>	12	6	6
Tin	ppm	<b>0</b>	<1	0	0
Aluminum	ppm	<b>&lt;1</b>	0	<1	<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	0	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>11</b>	11	12	7
Magnesium	ppm	<b>&lt;1</b>	1	2	0
Zinc	ppm	<b>6</b>	7	8	3
Phosphorus	ppm	<b>422</b>	486	449	447
Barium	ppm	<b>0</b>	2	0	0
Boron	ppm	<b>&lt;1</b>	<1	0	<1

### 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:** 10588359  
**Signed:** Jonathan Hester  
**Report Date:** 07 Aug 2023



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## VOLVO GRAPHS

