



# CONSTRUCTION EQUIPMENT

## SWO-066611 EPIROC TMG21 SEDO346 - REAR LEFT FINAL DRIVE



**Sample No:** VCP429593  
**Oil Type:** NOT GIVEN  
**Job No:** SWO-066611



### SAMPLE INFORMATION

Sample Number	<b>VCP429593</b>	VCP433241	VCP369316	VCP407510
Sample Date	<b>10 Oct 2023</b>	05 Sep 2023	26 Jul 2023	24 May 2023
Machine Hours	<b>4260</b>	4067	3837	3531
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	Not Changd	Changed	Not Changd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

### SAIIA CONSTRUCTION LLC

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### OIL CONDITION

Visc @ 40°C	cSt	<b>218</b>	219	214	218
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### CONTAMINATION

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



### WEAR METALS

Iron	ppm	<b>103</b>	93	91	80
Copper	ppm	<b>7</b>	6	4	5
Lead	ppm	<b>9</b>	8	14	12
Tin	ppm	<b>&lt;1</b>	<1	0	<1
Aluminum	ppm	<b>0</b>	<1	<1	0
Chromium	ppm	<b>&lt;1</b>	<1	<1	<1
Molybdenum	ppm	<b>0</b>	0	0	0
Nickel	ppm	<b>0</b>	<1	<1	<1
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>2</b>	1	1	1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>18</b>	8	11	11
Magnesium	ppm	<b>13</b>	2	<1	1
Zinc	ppm	<b>0</b>	0	6	7
Phosphorus	ppm	<b>392</b>	484	422	486
Barium	ppm	<b>0</b>	0	0	2
Boron	ppm	<b>&lt;1</b>	0	<1	<1

### Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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:** 10698766  
**Signed:** Sean Felton  
**Report Date:** 19 Oct 2023



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## VOLVO GRAPHS

