



# CONSTRUCTION EQUIPMENT

## SWO-067730 EPIROC TMG21SED0492 - REAR RIGHT FINAL DRIVE



**Sample No:** VCP428777  
**Oil Type:** NOT GIVEN  
**Job No:** SWO-067730



### SAMPLE INFORMATION

Sample Number	<b>VCP428777</b>	VCP428886	VCP429382	VCP426541
Sample Date	<b>27 Nov 2023</b>	31 Oct 2023	08 Oct 2023	03 Jul 2023
Machine Hours	<b>4529</b>	4296	4048	3460
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>211</b>	214	213	215
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>27</b>	22	27	25
Sodium	ppm	<b>1</b>	0	0	<1
Potassium	ppm	<b>2</b>	1	2	2

### 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.



### WEAR METALS

Iron	ppm	<b>175</b>	150	128	94
Copper	ppm	<b>8</b>	7	7	6
Lead	ppm	<b>26</b>	24	23	21
Tin	ppm	<b>&lt;1</b>	<1	<1	<1
Aluminum	ppm	<b>2</b>	<1	0	2
Chromium	ppm	<b>1</b>	<1	1	<1
Molybdenum	ppm	<b>0</b>	0	<1	0
Nickel	ppm	<b>&lt;1</b>	0	<1	<1
Titanium	ppm	<b>&lt;1</b>	0	<1	<1
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>2</b>	1	2	2
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>30</b>	87	26	30
Magnesium	ppm	<b>3</b>	1	<1	1
Zinc	ppm	<b>0</b>	28	4	0
Phosphorus	ppm	<b>392</b>	344	366	430
Barium	ppm	<b>0</b>	0	2	0
Boron	ppm	<b>&lt;1</b>	<1	2	0

**Depot:** SAIBIR  
**Unique No:** 10766333  
**Signed:** Don Baldrige  
**Report Date:** 04 Dec 2023



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## VOLVO GRAPHS

