



# CONSTRUCTION EQUIPMENT

SWO-069623

EPIROC TMG21SED0492 - REAR LEFT FINAL DRIVE



**Sample No:** VCP444238  
**Oil Type:** {unknown}  
**Job No:** SWO-069623



## SAMPLE INFORMATION

Sample Number	<b>VCP444238</b>	VCP435642	VCP428677	VCP431018
Sample Date	<b>13 Feb 2024</b>	03 Jan 2024	27 Nov 2023	31 Oct 2023
Machine Hours	<b>5028</b>	4772	4529	4296
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Changd</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>216</b>	218	210	212
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## CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>23</b>	27	26	22
Sodium	ppm	<b>&lt;1</b>	0	1	0
Potassium	ppm	<b>0</b>	1	1	1



## WEAR METALS

Iron	ppm	<b>141</b>	117	138	124
Copper	ppm	<b>6</b>	7	10	8
Lead	ppm	<b>19</b>	20	34	33
Tin	ppm	<b>0</b>	<1	<1	0
Aluminum	ppm	<b>0</b>	2	<1	0
Chromium	ppm	<b>1</b>	1	1	<1
Molybdenum	ppm	<b>0</b>	<1	0	0
Nickel	ppm	<b>0</b>	<1	<1	0
Titanium	ppm	<b>&lt;1</b>	<1	<1	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>2</b>	2	2	1
Vanadium	ppm	<b>0</b>	0	0	0



## ADDITIVES

Calcium	ppm	<b>4</b>	15	11	12
Magnesium	ppm	<b>0</b>	<1	2	<1
Zinc	ppm	<b>3</b>	4	<1	9
Phosphorus	ppm	<b>412</b>	438	383	343
Barium	ppm	<b>0</b>	8	0	0
Boron	ppm	<b>&lt;1</b>	4	<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 oil. The condition of the oil is acceptable for the time in service.

**Depot:** SAIBIR

**Unique No:** 10884900

**Signed:** Sean Felton

**Report Date:** 19 Feb 2024



# CONSTRUCTION EQUIPMENT



## VOLVO GRAPHS

