



# CONSTRUCTION EQUIPMENT

## SWO-069429 EPIROC TMG21 SED0346 - COMPRESSOR



**Sample No:** VCP446729  
**Oil Type:** {unknown}  
**Job No:** SWO-069429



### SAMPLE INFORMATION

Sample Number	<b>VCP446729</b>	VCP414807	VCP445782	VCP431979
Sample Date	<b>05 Feb 2024</b>	20 Dec 2023	14 Nov 2023	10 Oct 2023
Machine Hours	<b>5020</b>	4779	4528	4260
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Changd</b>	Changed	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>49.6</b>	54.6	51.8	52.0
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>&lt;1</b>	0	<1	0
Sodium	ppm	<b>0</b>	0	2	0
Potassium	ppm	<b>1</b>	0	0	2



### WEAR METALS

Iron	ppm	<b>5</b>	22	3	7
Copper	ppm	<b>1</b>	0	<1	<1
Lead	ppm	<b>&lt;1</b>	0	0	0
Tin	ppm	<b>&lt;1</b>	0	0	<1
Aluminum	ppm	<b>4</b>	4	9	10
Chromium	ppm	<b>&lt;1</b>	1	0	<1
Molybdenum	ppm	<b>&lt;1</b>	0	0	<1
Nickel	ppm	<b>&lt;1</b>	0	0	<1
Titanium	ppm	<b>&lt;1</b>	0	0	<1
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	0	<1	0
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>14</b>	5	1	9
Magnesium	ppm	<b>5</b>	0	0	4
Zinc	ppm	<b>202</b>	109	161	184
Phosphorus	ppm	<b>349</b>	252	237	243
Barium	ppm	<b>0</b>	4	0	10
Boron	ppm	<b>2</b>	0	4	2

### Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. Please note that this is a corrected copy for data entry update for time on unit. 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:** 10872561  
**Signed:** Doug Bogart  
**Report Date:** 13 Feb 2024



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## GRAPHS

