



# CONSTRUCTION EQUIPMENT

## SWO-064092 EPIROC TMG21 SED0346 - COMPRESSOR



**Sample No:** VCP369319  
**Oil Type:** REFRIG COMP OIL ISO 68  
**Job No:** SWO-064092



### SAMPLE INFORMATION

Sample Number	<b>VCP369319</b>	VCP407526	VCP402810	---
Sample Date	<b>26 Jul 2023</b>	24 May 2023	25 Apr 2023	---
Machine Hours	<b>3837</b>	3531	3310	---
Oil Hours	<b>0</b>	0	0	---
Oil Changed	<b>Changed</b>	Not Changd	Not Changd	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---

### SAIIA CONSTRUCTION LLC

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### OIL CONDITION

Visc @ 40°C	cSt	<b>76.5</b>	51.5	49.5	---
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### CONTAMINATION

Silicon	ppm	<b>1</b>	<1	0	---
Sodium	ppm	<b>42</b>	2	14	---
Potassium	ppm	<b>9</b>	3	5	---



### WEAR METALS

Iron	ppm	<b>5</b>	5	3	---
Copper	ppm	<b>0</b>	3	<1	---
Lead	ppm	<b>0</b>	0	0	---
Tin	ppm	<b>0</b>	0	0	---
Aluminum	ppm	<b>&lt;1</b>	16	9	---
Chromium	ppm	<b>&lt;1</b>	0	0	---
Molybdenum	ppm	<b>0</b>	0	0	---
Nickel	ppm	<b>&lt;1</b>	0	0	---
Titanium	ppm	<b>0</b>	0	0	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>0</b>	0	<1	---
Vanadium	ppm	<b>1</b>	0	0	---



### ADDITIVES

Calcium	ppm	<b>3</b>	1	15	---
Magnesium	ppm	<b>&lt;1</b>	2	6	---
Zinc	ppm	<b>0</b>	189	242	---
Phosphorus	ppm	<b>0</b>	219	229	---
Barium	ppm	<b>0</b>	2	0	---
Boron	ppm	<b>0</b>	3	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 fluid. The condition of the fluid is acceptable for the time in service.

**Depot:** SAIBIR  
**Unique No:** 10588405  
**Signed:** Jonathan Hester  
**Report Date:** 07 Aug 2023



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## GRAPHS

