



# CONSTRUCTION EQUIPMENT

## SWO-064931 EPIROC TMG21 SED0492 - COMPRESSOR



**Sample No:** VCP414015  
**Oil Type:** REFRIG COMP OIL ISO 68  
**Job No:** SWO-064931



### SAMPLE INFORMATION

Sample Number	<b>VCP414015</b>	VCP424293	VCP413261	VCP382508
Sample Date	<b>23 Aug 2023</b>	03 Jul 2023	25 May 2023	16 Apr 2023
Machine Hours	<b>3744</b>	3460	3205	2907
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Chngd</b>	Not Chngd	Not Chngd	Not Chngd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

### SAIIA CONSTRUCTION LLC

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### OIL CONDITION

Visc @ 40°C	cSt	<b>65.3</b>	63.3	66.1	67.7
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### CONTAMINATION

Silicon	ppm	<b>0</b>	<1	0	<1
Sodium	ppm	<b>2</b>	2	1	1
Potassium	ppm	<b>0</b>	2	<1	0



### WEAR METALS

Iron	ppm	<b>&lt;1</b>	2	0	<1
Copper	ppm	<b>0</b>	2	0	0
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>2</b>	<1	5	<1
Chromium	ppm	<b>0</b>	0	0	0
Molybdenum	ppm	<b>0</b>	0	0	0
Nickel	ppm	<b>0</b>	0	0	0
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>0</b>	<1	0	<1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>3</b>	4	<1	45
Magnesium	ppm	<b>2</b>	<1	2	0
Zinc	ppm	<b>83</b>	86	58	48
Phosphorus	ppm	<b>81</b>	93	64	67
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>0</b>	0	0	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:** 10622902  
**Signed:** Don Baldrige  
**Report Date:** 30 Aug 2023



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## GRAPHS

