



# CONSTRUCTION EQUIPMENT

## SWO-068635 EPIROC TMG21 SEDO165 - AIR COMPRESSOR



**Sample No:** VCP438018  
**Oil Type:** {unknown}  
**Job No:** SWO-068635



### SAMPLE INFORMATION

Sample Number	<b>VCP438018</b>	VCP445777	VCP429387	VCP417097
Sample Date	<b>04 Jan 2024</b>	14 Nov 2023	04 Oct 2023	09 Aug 2023
Machine Hours	<b>4682</b>	4407	4102	3817
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Chngd</b>	Not Chngd	Changed	Not Chngd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

### SAIIA CONSTRUCTION LLC

4400 LEWISBURG RD  
 BIRMINGHAM, AL  
 US 35207

Contact: STEPHANI BRITTON  
 sbritton@saiia.com;doug.bogart@wearcheck.com  
 T: (205)943-2268  
 F: (205)943-2269



### OIL CONDITION

Visc @ 40°C	cSt	<b>48.6</b>	47.5	50.4	47.58
Acid Number (AN)	mg KOH/g	---	---	---	0.35



### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>0</b>	2	0	<1
Sodium	ppm	<b>2</b>	3	7	2
Potassium	ppm	<b>5</b>	<1	3	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 fluid. The condition of the fluid is acceptable for the time in service.



### WEAR METALS

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



### ADDITIVES

Calcium	ppm	<b>26</b>	24	20	1
Magnesium	ppm	<b>10</b>	7	6	4
Zinc	ppm	<b>286</b>	255	285	208
Phosphorus	ppm	<b>266</b>	249	229	209
Barium	ppm	<b>3</b>	0	1	0
Boron	ppm	<b>0</b>	0	1	0

**Depot:** SAIBIR  
**Unique No:** 10831098  
**Signed:** Don Baldrige  
**Report Date:** 16 Jan 2024



# CONSTRUCTION EQUIPMENT



## VOLVO GRAPHS

