



CONSTRUCTION EQUIPMENT

SWO-069621 EPIROC TMG21 SEDO165 - AIR COMPRESSOR



Sample No: VCP431072
Oil Type: {unknown}
Job No: SWO-069621



SAMPLE INFORMATION

Sample Number	VCP431072	VCP438018	VCP445777	VCP429387
Sample Date	13 Feb 2024	04 Jan 2024	14 Nov 2023	04 Oct 2023
Machine Hours	4946	4682	4407	4102
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	47.0	48.6	47.5	50.4
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<1	0	2	0
Sodium	ppm	0	2	3	7
Potassium	ppm	1	5	<1	3

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	1	<1	<1	0
Copper	ppm	<1	<1	0	<1
Lead	ppm	<1	<1	0	0
Tin	ppm	<1	<1	0	<1
Aluminum	ppm	1	2	<1	2
Chromium	ppm	<1	<1	0	0
Molybdenum	ppm	<1	<1	0	0
Nickel	ppm	<1	0	0	0
Titanium	ppm	<1	0	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	<1	0	<1	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	28	26	24	20
Magnesium	ppm	11	10	7	6
Zinc	ppm	270	286	255	285
Phosphorus	ppm	235	266	249	229
Barium	ppm	0	3	0	1
Boron	ppm	1	0	0	1

Depot: SAIBIR
Unique No: 10884929
Signed: Don Baldrige
Report Date: 20 Feb 2024



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GRAPHS

