



CONSTRUCTION EQUIPMENT

SWO-069623 EPIROC TMG21 SED0492 - COMPRESSOR



Sample No: VCP444241
Oil Type: REFRIG COMP OIL ISO 68
Job No: SWO-069623



SAMPLE INFORMATION

Sample Number	VCP444241	VCP447536	VCP428775	VCP431024
Sample Date	13 Feb 2024	03 Jan 2024	27 Nov 2023	31 Oct 2023
Machine Hours	5028	4772	4529	4296
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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 BIRMINGHAM, AL
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OIL CONDITION

Visc @ 40°C	cSt	71.8	72.1	71.6	70.7
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	0	<1	0	0
Sodium	ppm	0	0	1	<1
Potassium	ppm	1	<1	0	<1

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	0	<1	0	3
Copper	ppm	<1	<1	0	0
Lead	ppm	<1	<1	0	0
Tin	ppm	<1	<1	0	0
Aluminum	ppm	1	2	0	<1
Chromium	ppm	<1	<1	0	0
Molybdenum	ppm	<1	<1	0	0
Nickel	ppm	<1	<1	0	0
Titanium	ppm	<1	<1	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	<1	<1	0	0
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	0	15	0	0
Magnesium	ppm	<1	0	0	0
Zinc	ppm	21	14	37	43
Phosphorus	ppm	0	49	31	37
Barium	ppm	0	0	0	0
Boron	ppm	<1	0	0	0

Depot: SAIBIR
Unique No: 10884930
Signed: Don Baldrige
Report Date: 20 Feb 2024

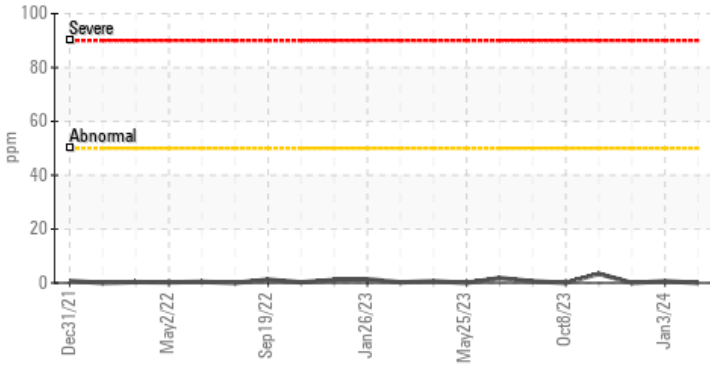


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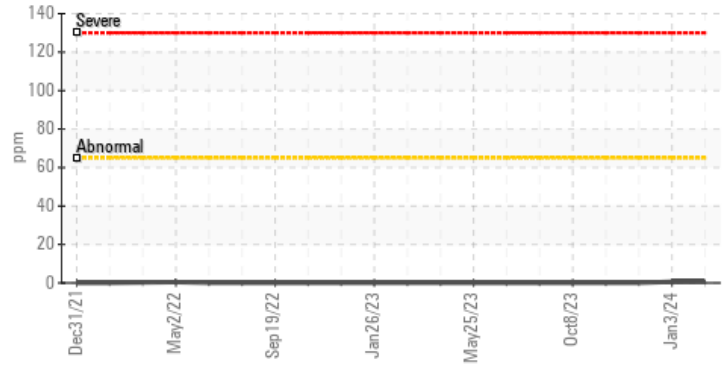


GRAPHS

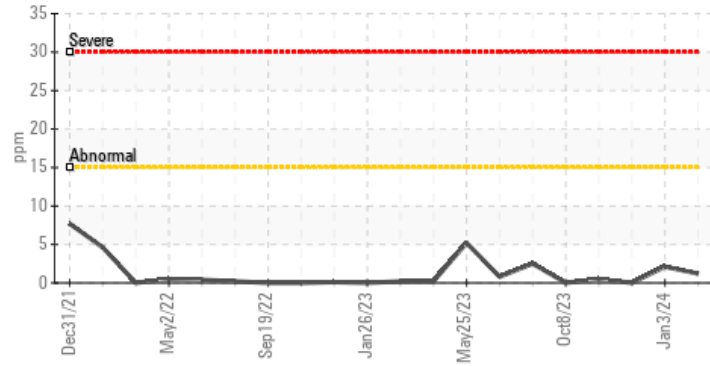
Iron (ppm)



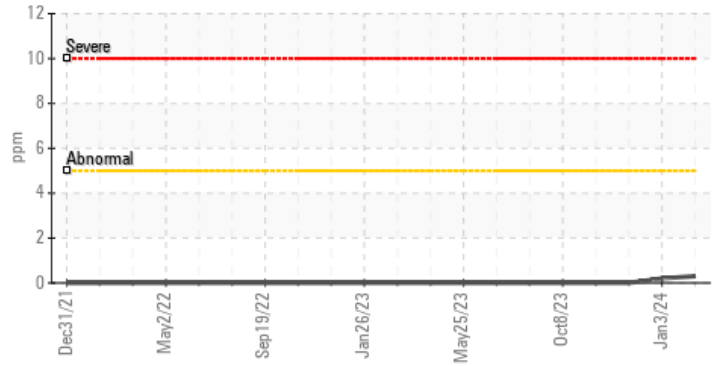
Lead (ppm)



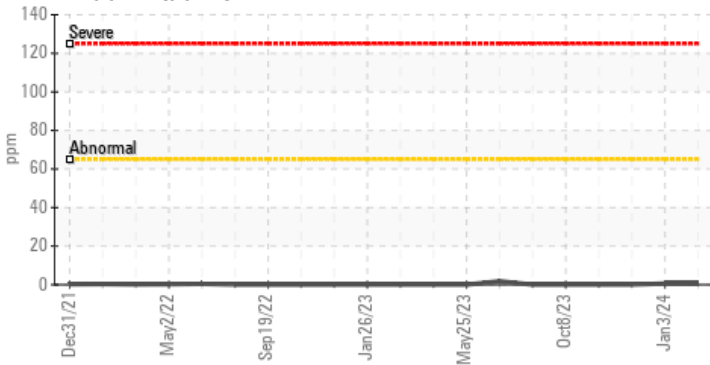
Aluminum (ppm)



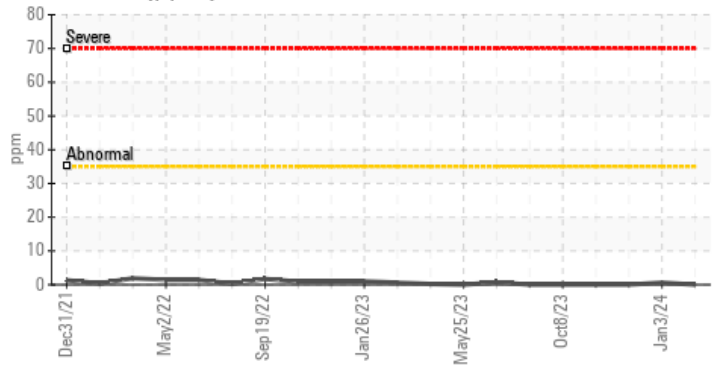
Chromium (ppm)



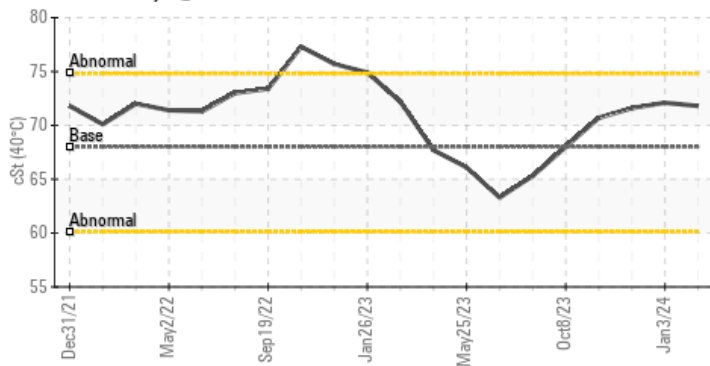
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

