



CONSTRUCTION EQUIPMENT

SWO-071198 EPIROC TMG2 ISEDO223 - COMPRESSOR



Sample No: VCP449850
Oil Type: REFRIG COMP OIL ISO 68
Job No: SWO-071198



SAMPLE INFORMATION

Sample Number	VCP449850	VCP445308	VCP441458	VCP445778
Sample Date	16 Apr 2024	06 Mar 2024	30 Jan 2024	27 Nov 2023
Machine Hours	4708	4459	4133	3804
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
Sample Status	ABNORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	29.5	72.6	73.8	73.7
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	8	0	2	0
Sodium	ppm	5	<1	0	<1
Potassium	ppm	3	0	1	0

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The iron level is abnormal. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. Additive levels indicate the addition of a different brand, or type of oil. Confirm oil type.



WEAR METALS

Iron	ppm	51	0	2	0
Copper	ppm	7	0	<1	<1
Lead	ppm	0	0	<1	0
Tin	ppm	0	0	<1	0
Aluminum	ppm	1	0	<1	0
Chromium	ppm	0	0	<1	0
Molybdenum	ppm	0	0	<1	0
Nickel	ppm	0	0	<1	0
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	4	0	<1	0
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	80	0	4	2
Magnesium	ppm	<1	0	<1	0
Zinc	ppm	19	0	8	23
Phosphorus	ppm	201	13	34	18
Barium	ppm	5	0	0	0
Boron	ppm	77	0	0	<1

Depot: SAIBIR
Unique No: 10991902
Signed: Jonathan Hester
Report Date: 26 Apr 2024

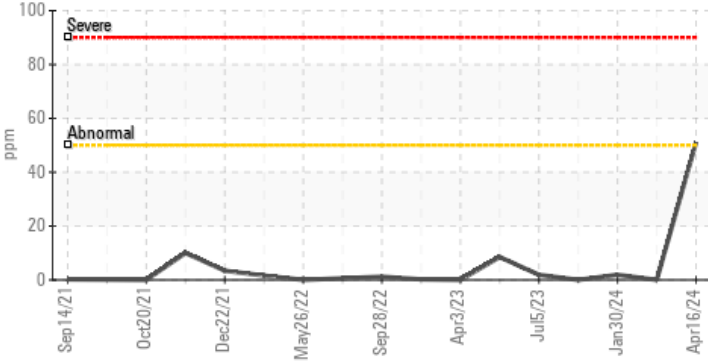


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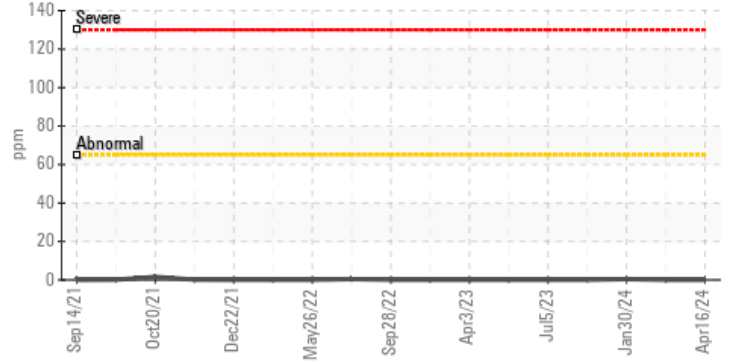


GRAPHS

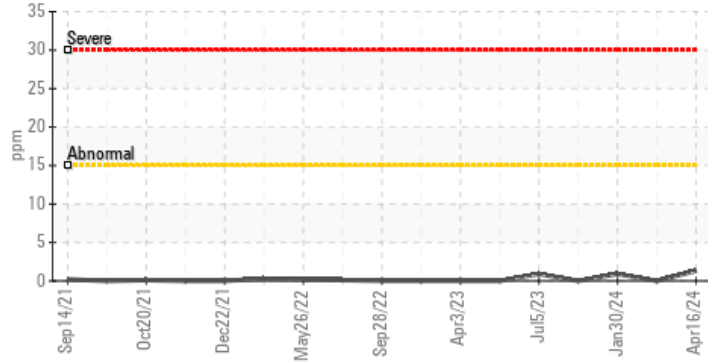
▲ Iron (ppm)



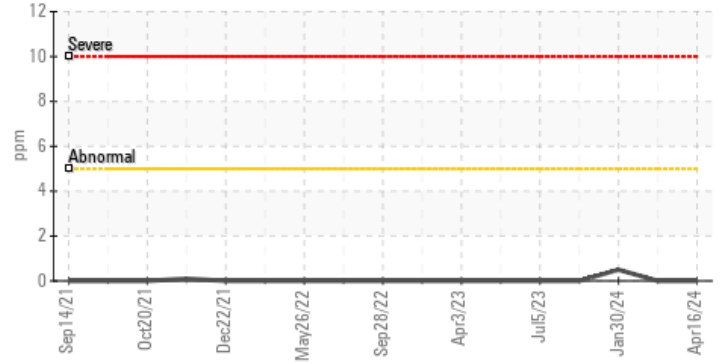
Lead (ppm)



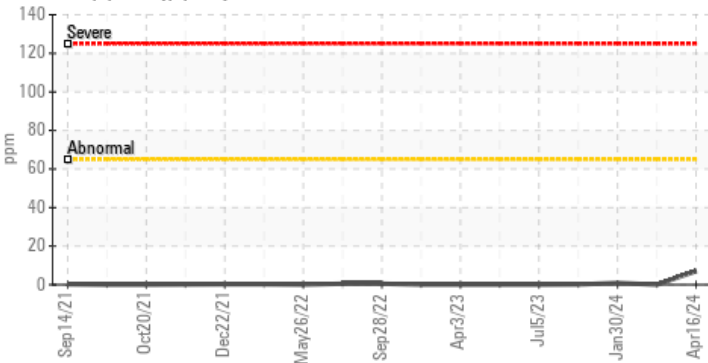
Aluminum (ppm)



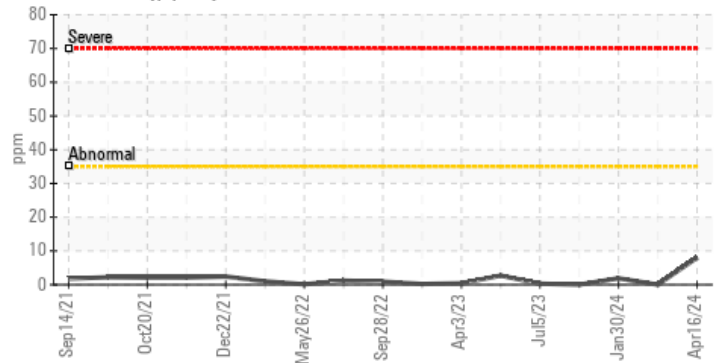
Chromium (ppm)



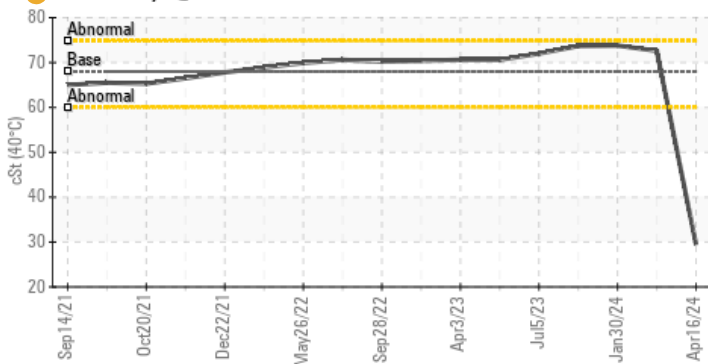
Copper (ppm)



Silicon (ppm)



● Viscosity @ 40°C



● Additives

