



CONSTRUCTION EQUIPMENT

SWO-068392 EPIROC TMG21 SED0346 - COMPRESSOR



Sample No: VCP414807
Oil Type: NOT GIVEN
Job No: SWO-068392



SAMPLE INFORMATION

Sample Number	VCP414807	VCP445782	VCP431979	VCP433249
Sample Date	20 Dec 2023	14 Nov 2023	10 Oct 2023	05 Sep 2023
Machine Hours	4779	4528	4260	4067
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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OIL CONDITION

Visc @ 40°C	cSt	54.6	51.8	52.0	56.8
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	0	<1	0	0
Sodium	ppm	0	2	0	6
Potassium	ppm	0	0	2	3

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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.



WEAR METALS

Iron	ppm	22	3	7	7
Copper	ppm	0	<1	<1	0
Lead	ppm	0	0	0	0
Tin	ppm	0	0	<1	<1
Aluminum	ppm	4	9	10	16
Chromium	ppm	1	0	<1	0
Molybdenum	ppm	0	0	<1	0
Nickel	ppm	0	0	<1	<1
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	0	0
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	5	1	9	15
Magnesium	ppm	0	0	4	7
Zinc	ppm	109	161	184	196
Phosphorus	ppm	252	237	243	235
Barium	ppm	4	0	10	0
Boron	ppm	0	4	2	15

Depot: SAIBIR
Unique No: 10809889
Signed: Jonathan Hester
Report Date: 04 Jan 2024

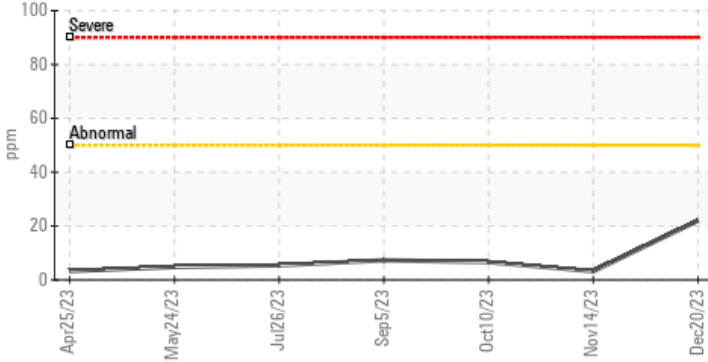


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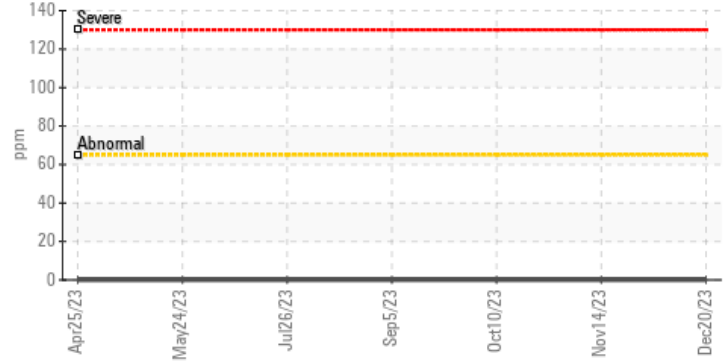


GRAPHS

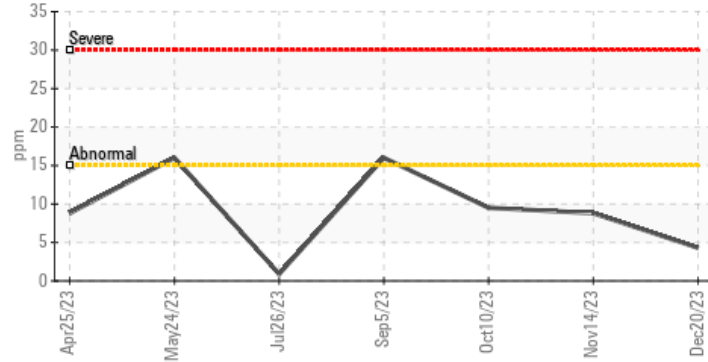
Iron (ppm)



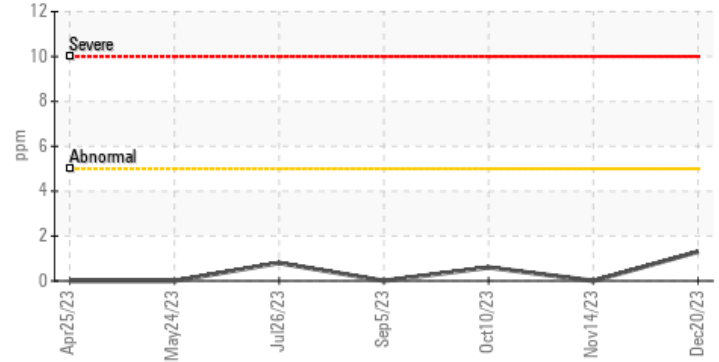
Lead (ppm)



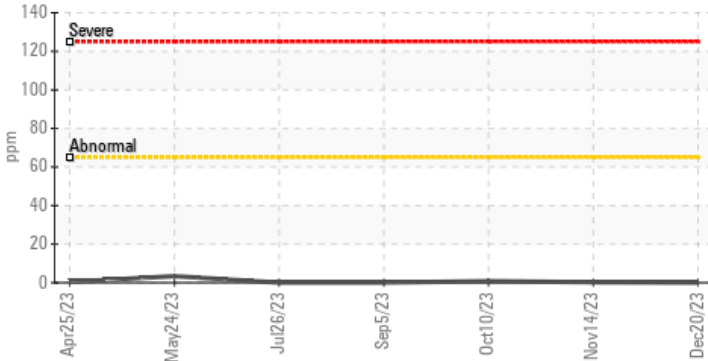
Aluminum (ppm)



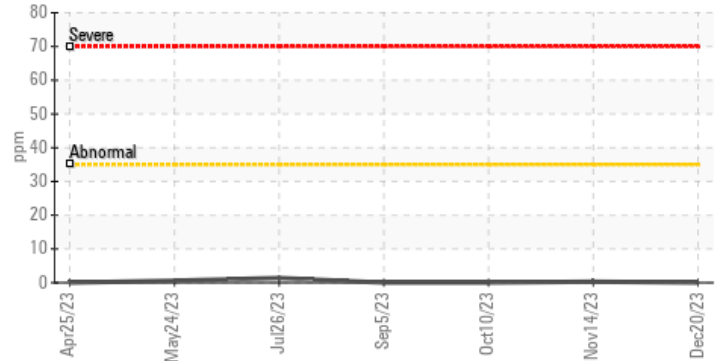
Chromium (ppm)



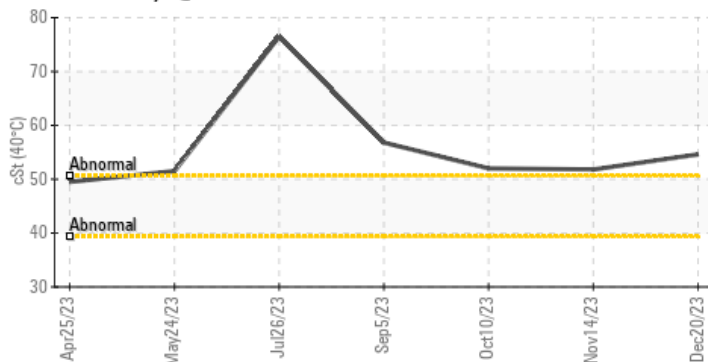
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

