



CONSTRUCTION EQUIPMENT

VOLVO A30G 742385 - BRAKE



Sample No: VCP438712

Oil Type: {unknown}

Job No:



SAMPLE INFORMATION

Sample Number	VCP438712	VCP433227	VCP416639	VCP390477
Sample Date	09 Apr 2024	02 Oct 2023	20 Jun 2023	17 Oct 2022
Machine Hours	5731	5255	4737	4210
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

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	52.7	57.5	55.1	53.3
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	18	19	12	9
Sodium	ppm	4	2	4	3
Potassium	ppm	<1	2	1	0



WEAR METALS

Iron	ppm	25	26	17	11
Copper	ppm	182	189	156	152
Lead	ppm	0	<1	2	42
Tin	ppm	<1	<1	<1	<1
Aluminum	ppm	3	5	4	0
Chromium	ppm	<1	<1	<1	2
Molybdenum	ppm	4	6	6	2
Nickel	ppm	<1	2	1	<1
Titanium	ppm	<1	<1	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	1	2	2
Vanadium	ppm	0	<1	0	<1



ADDITIVES

Calcium	ppm	2914	2989	3062	3154
Magnesium	ppm	36	35	42	23
Zinc	ppm	1232	1323	1316	1274
Phosphorus	ppm	1119	1111	1092	1025
Barium	ppm	0	0	0	0
Boron	ppm	60	58	60	48

Diagnosis

Resample at the next service interval to monitor. 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.

Depot: SAIBIR

Unique No: 10991796

Signed: Don Baldrige

Report Date: 24 Apr 2024

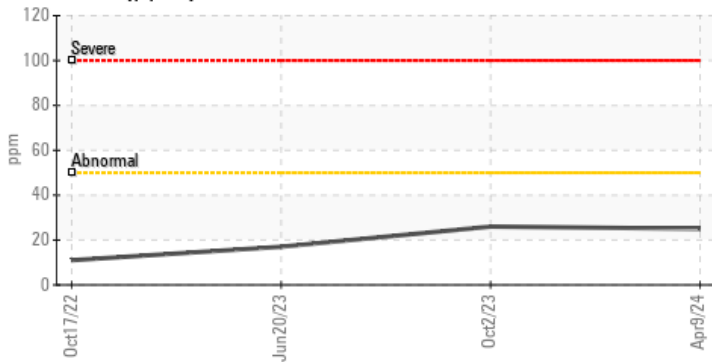


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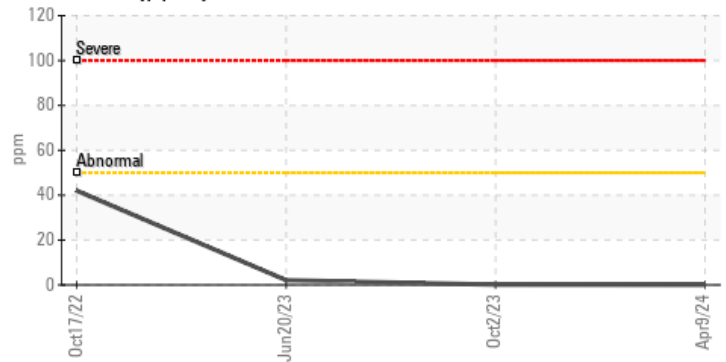


GRAPHS

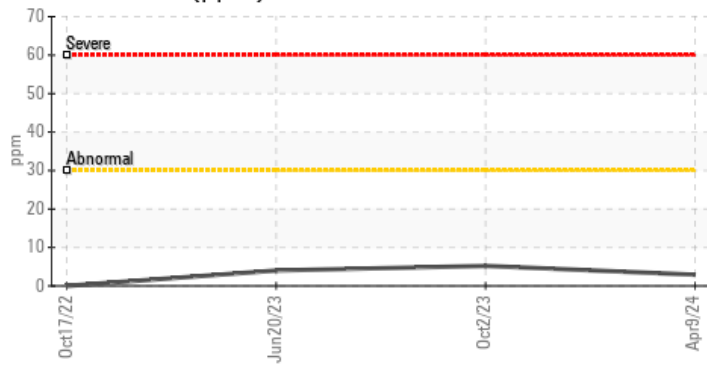
Iron (ppm)



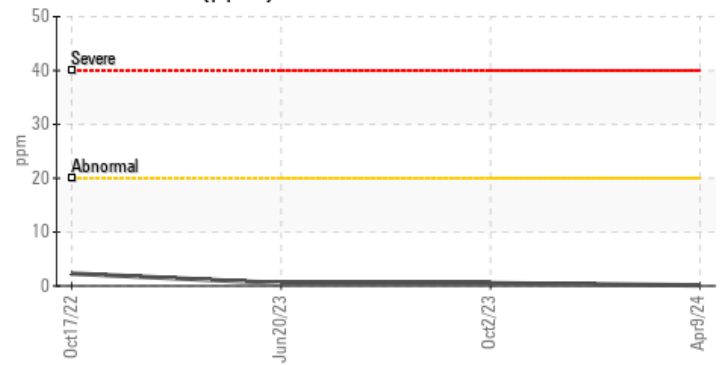
Lead (ppm)



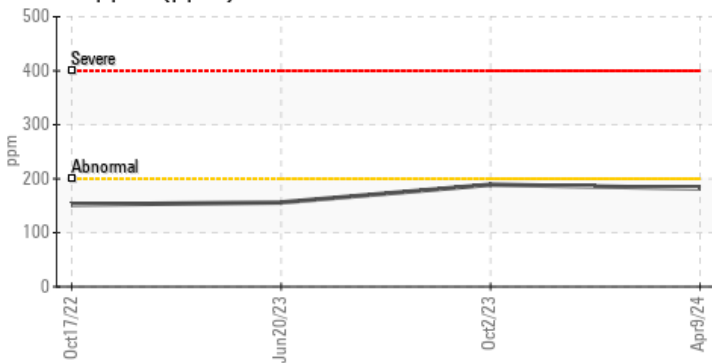
Aluminum (ppm)



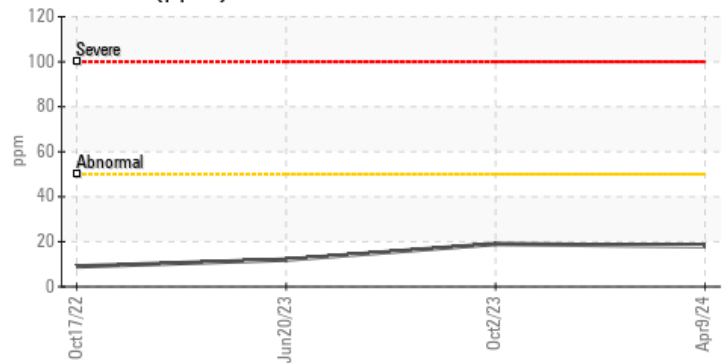
Chromium (ppm)



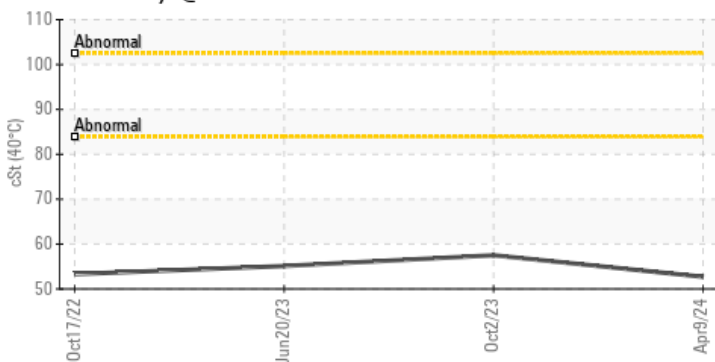
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

