



CONSTRUCTION EQUIPMENT

SWO-067233 VOLVO A60 A60H 340126 - TANK BRAKE



Sample No: VCP431031
Oil Type: Brake
Job No: SWO-067233



SAMPLE INFORMATION

Sample Number	VCP431031	VCP424607	VCP401984	VCP397730
Sample Date	03 Nov 2023	11 Jul 2023	10 Apr 2023	20 Jan 2023
Machine Hours	9145	8645	8117	7659
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Changed	Not Changd	Changed
Sample Status	NORMAL	SEVERE	ATTENTION	MARGINAL

SAIIA CONSTRUCTION LLC

4400 LEWISBURG RD
 BIRMINGHAM, AL
 US 35207

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OIL CONDITION

Visc @ 40°C	cSt	50.5	41.1	43.2	41.7
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CONTAMINATION

Silicon	ppm	19	50	31	28
Sodium	ppm	0	3	<1	3
Potassium	ppm	0	<1	0	0



WEAR METALS

Iron	ppm	98	1053	82	88
Copper	ppm	90	152	202	263
Lead	ppm	0	1	2	2
Tin	ppm	0	<1	0	<1
Aluminum	ppm	2	10	4	5
Chromium	ppm	0	2	0	<1
Molybdenum	ppm	4	4	3	1
Nickel	ppm	<1	3	3	4
Titanium	ppm	<1	<1	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	<1	7	<1	1
Vanadium	ppm	0	<1	0	<1



ADDITIVES

Calcium	ppm	3040	3403	3467	3508
Magnesium	ppm	55	36	37	24
Zinc	ppm	900	1056	1097	1223
Phosphorus	ppm	833	1036	1031	1081
Barium	ppm	3	0	0	<1
Boron	ppm	97	95	107	113

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.

Depot: SAIBIR
Unique No: 10735625
Signed: Sean Felton
Report Date: 10 Nov 2023

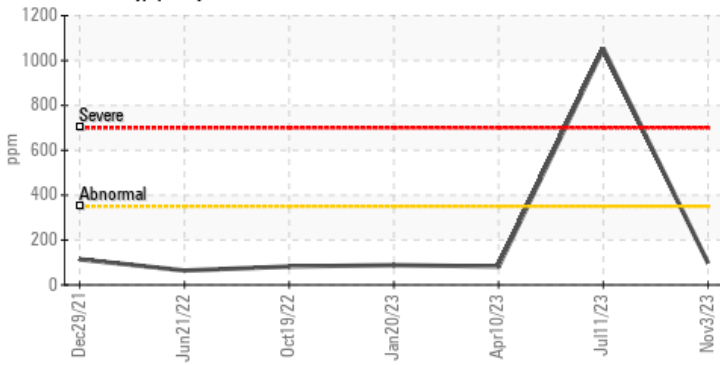


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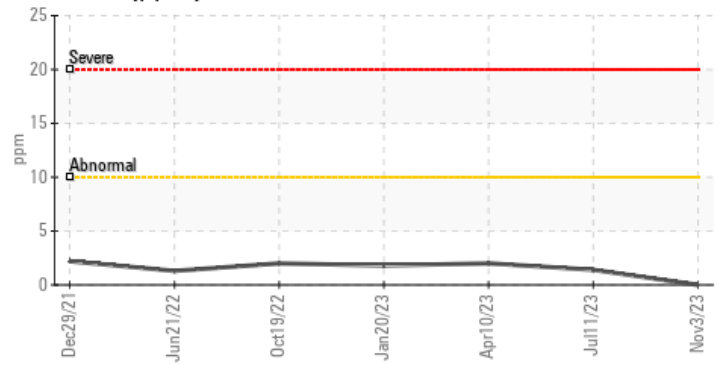


GRAPHS

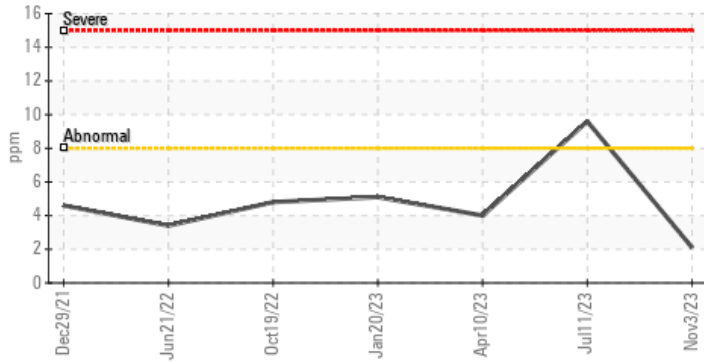
Iron (ppm)



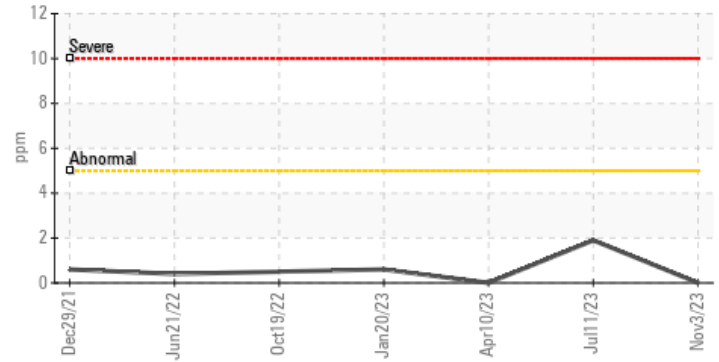
Lead (ppm)



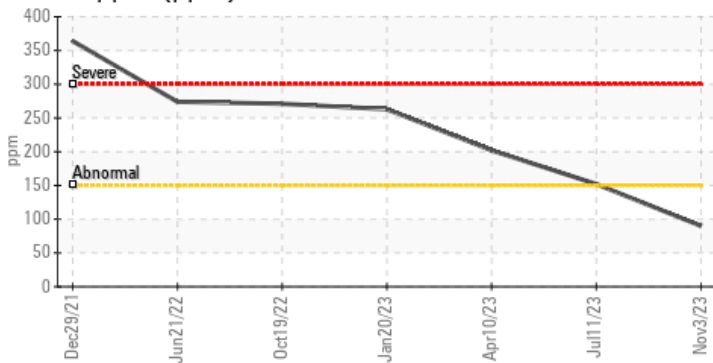
Aluminum (ppm)



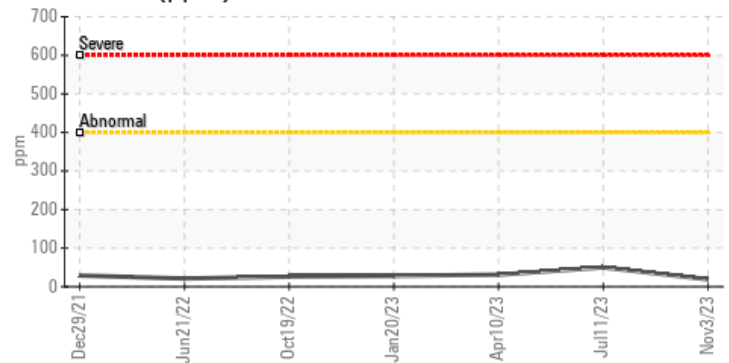
Chromium (ppm)



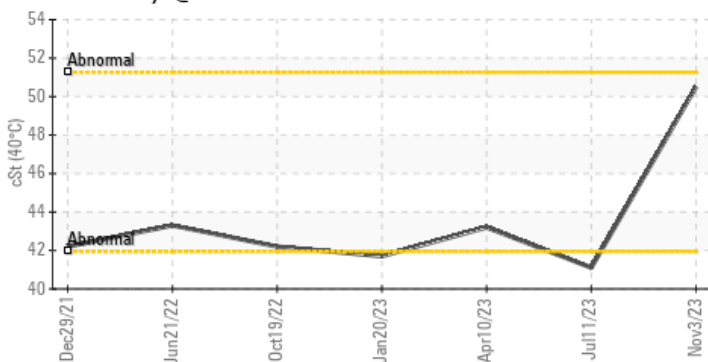
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

