



CONSTRUCTION EQUIPMENT

VOLVO A60H 340099 - TRANSMISSION



Sample No: VCP429499

Oil Type: {unknown}

Job No:



SAMPLE INFORMATION

Sample Number	VCP429499	VCP431667	VCP412650	VCP405929
Sample Date	23 Jan 2024	11 Oct 2023	18 Jul 2023	27 Mar 2023
Machine Hours	8489	7982	7491	7019
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Changed	Not Changd	Changed
Sample Status	NORMAL	MARGINAL	NORMAL	NORMAL

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	86.6	76.3	79.4	75.6
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	5	10	7	11
Sodium	ppm	8	17	14	4
Potassium	ppm	2	3	<1	0

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	4	13	10	26
Copper	ppm	4	14	10	20
Lead	ppm	0	<1	0	0
Tin	ppm	<1	<1	0	<1
Aluminum	ppm	2	3	2	2
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	36	37	37	46
Nickel	ppm	1	2	1	2
Titanium	ppm	0	<1	<1	<1
Silver	ppm	0	<1	<1	11
Manganese	ppm	<1	1	<1	1
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	1422	1517	1534	1501
Magnesium	ppm	453	482	468	568
Zinc	ppm	944	1076	1028	1005
Phosphorus	ppm	801	942	883	869
Barium	ppm	<1	0	0	0
Boron	ppm	72	71	83	96

Depot: SAIBIR
Unique No: 10848691
Signed: Jonathan Hester
Report Date: 30 Jan 2024

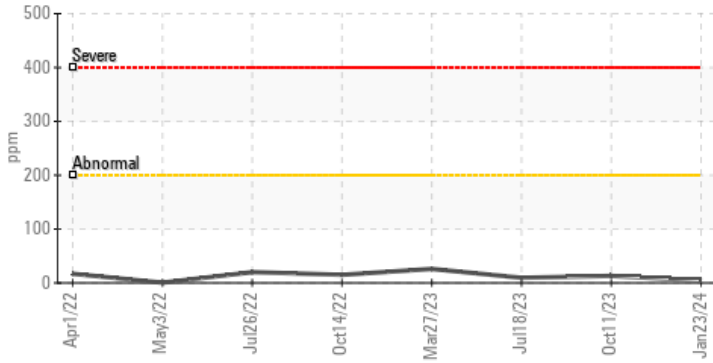


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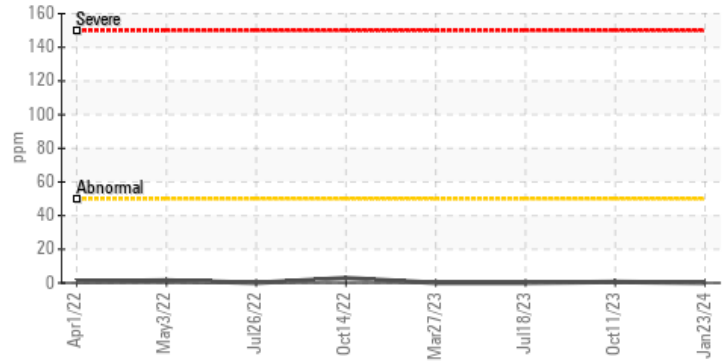


GRAPHS

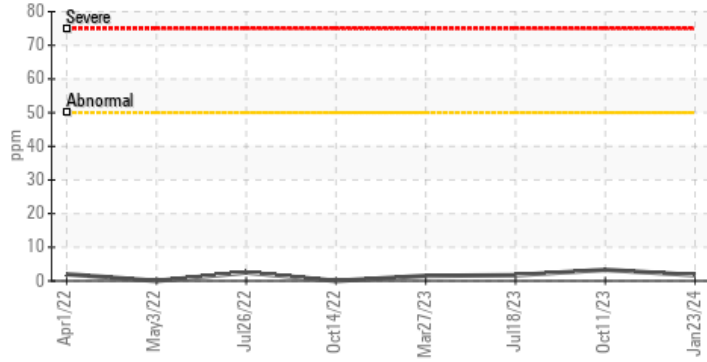
Iron (ppm)



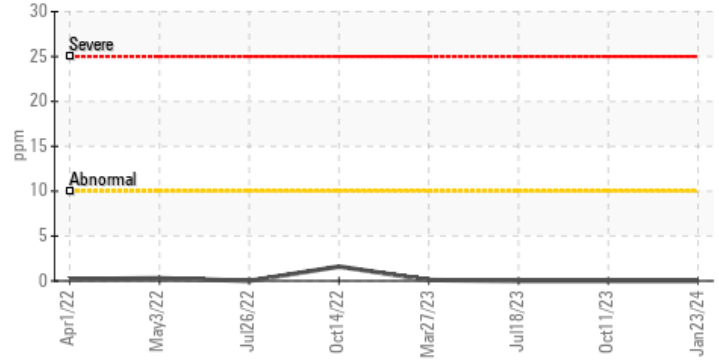
Lead (ppm)



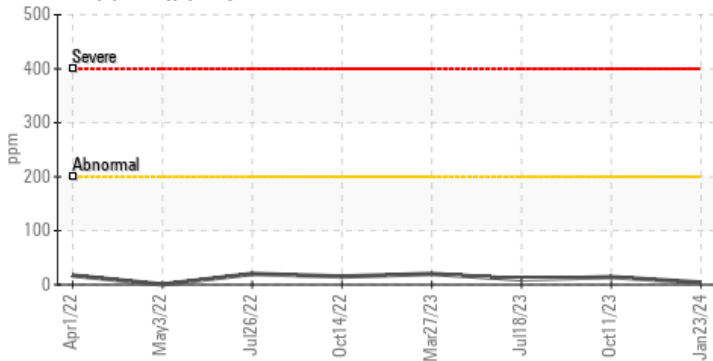
Aluminum (ppm)



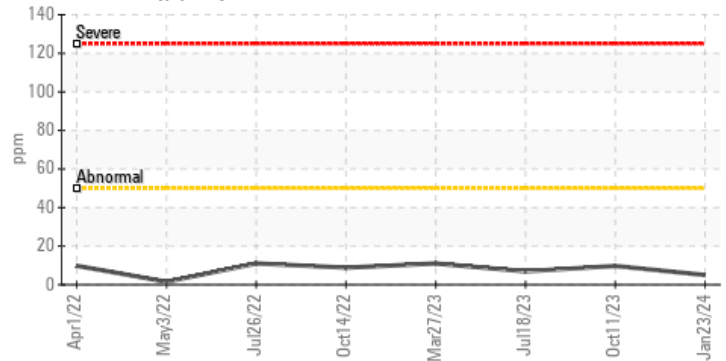
Chromium (ppm)



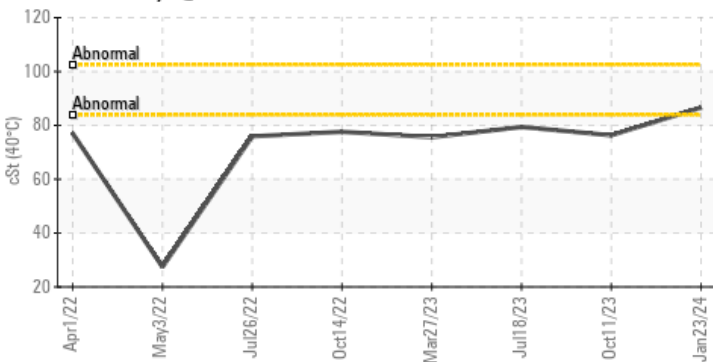
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

