



CONSTRUCTION EQUIPMENT

SW1029171 AZ GRAINS VOLVO L110H 632044 - TRANSMISSION (AUTO)



Sample No: VCP442978
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: SW1029171 AZ GRAINS



SAMPLE INFORMATION

Sample Number	VCP442978	VCP381518	VCP350509	---
Sample Date	02 Feb 2024	11 Apr 2023	01 Apr 2022	---
Machine Hours	5741	4137	2010	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Changed	Not Chngd	---
Sample Status	NORMAL	NORMAL	NORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	28.7	28.7	28.1	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	3	11	10	---
Sodium	ppm	4	5	4	---
Potassium	ppm	0	<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	40	71	48	---
Copper	ppm	132	42	10	---
Lead	ppm	0	0	0	---
Tin	ppm	<1	0	<1	---
Aluminum	ppm	8	18	8	---
Chromium	ppm	<1	<1	0	---
Molybdenum	ppm	0	1	<1	---
Nickel	ppm	0	0	0	---
Titanium	ppm	0	<1	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	3	5	4	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	409	95	91	---
Magnesium	ppm	0	15	0	---
Zinc	ppm	174	23	7	---
Phosphorus	ppm	290	197	243	---
Barium	ppm	1	0	0	---
Boron	ppm	54	63	80	---

Depot: VOLVO6174
Unique No: 10871452
Signed: Wes Davis
Report Date: 09 Feb 2024

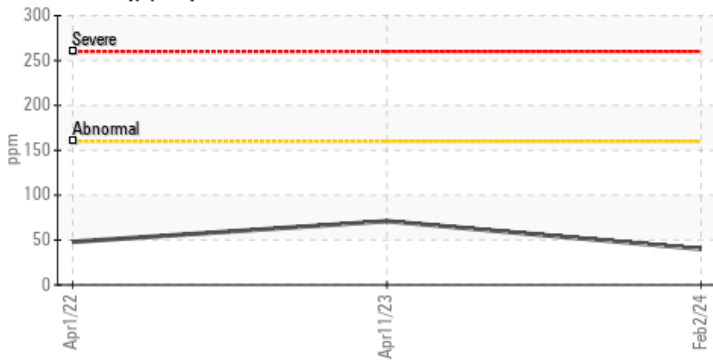


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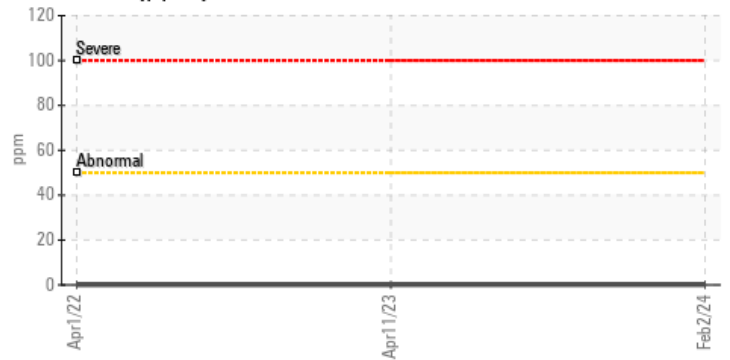


GRAPHS

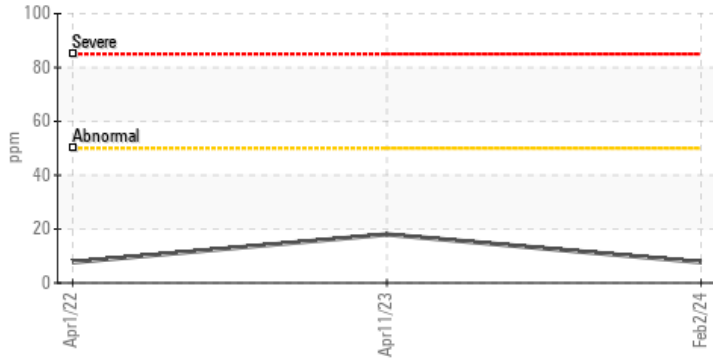
Iron (ppm)



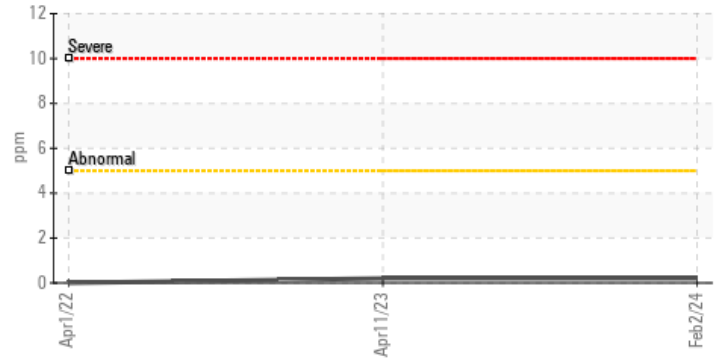
Lead (ppm)



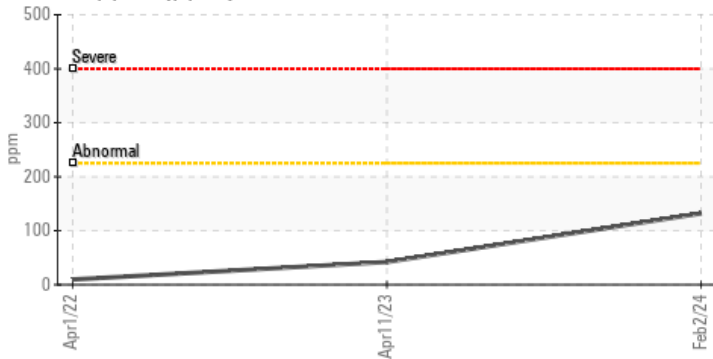
Aluminum (ppm)



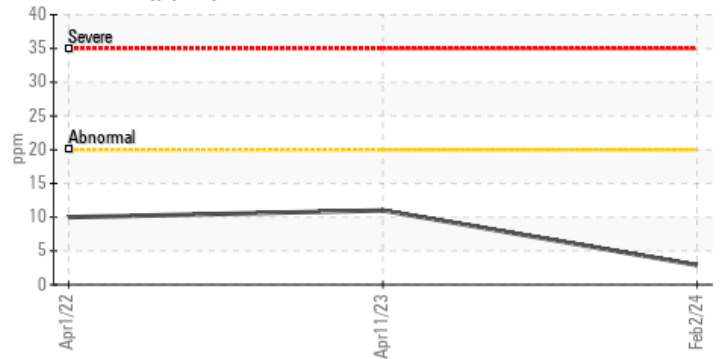
Chromium (ppm)



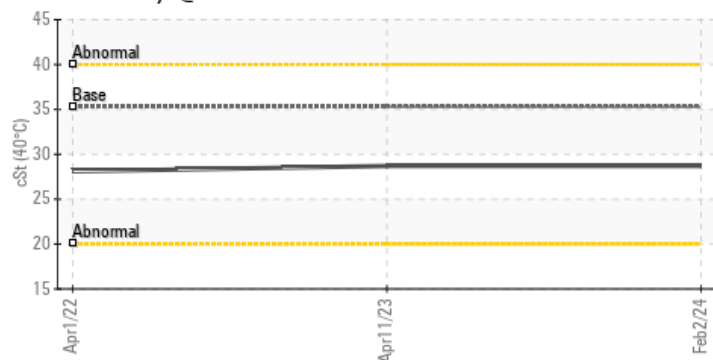
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

