



CONSTRUCTION EQUIPMENT

TRIPLE M METAL LP 390111 VOLVO L220H 2464 - TRANSMISSION (AUTO)



Sample No: VCP392131
Oil Type: VOLVO AT 102
Job No: 390111



SAMPLE INFORMATION

Sample Number	VCP392131	VCE115153	---	---
Sample Date	03 Jan 2024	07 Dec 2017	---	---
Machine Hours	23638	4205	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

STRONGCO EQUIPMENT (CE)

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OIL CONDITION

Visc @ 40°C	cSt	26.7	26.3	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	3	7	---	---
Sodium	ppm	<1	6	---	---
Potassium	ppm	0	2	---	---



WEAR METALS

PQ		---	15	---	---
Iron	ppm	47	176	---	---
Copper	ppm	4	13	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	8	4	---	---
Chromium	ppm	0	<1	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	0	4	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	62	147	---	---
Magnesium	ppm	3	3	---	---
Zinc	ppm	8	48	---	---
Phosphorus	ppm	217	171	---	---
Barium	ppm	0	2	---	---
Boron	ppm	98	47	---	---

Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. Additive levels indicate the addition of a different brand, or type of fluid. The condition of the fluid is acceptable for the time in service.

Depot: VOLV00252
Unique No: 5707680
Signed: Wes Davis
Report Date: 04 Jan 2024

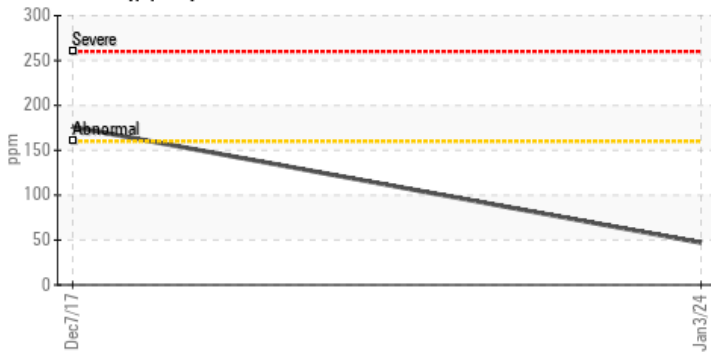


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GRAPHS

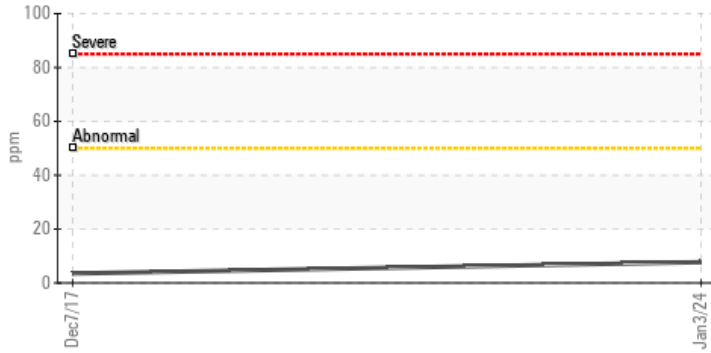
Iron (ppm)



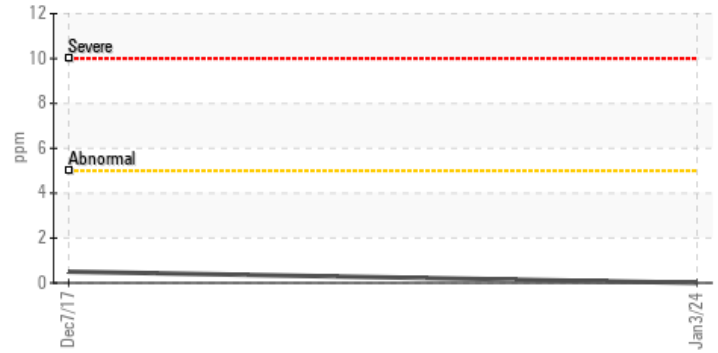
Lead (ppm)



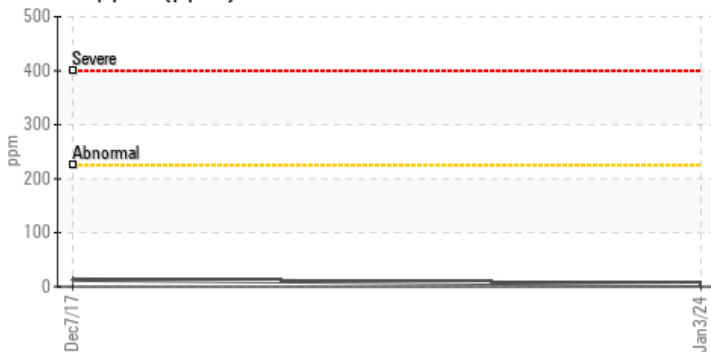
Aluminum (ppm)



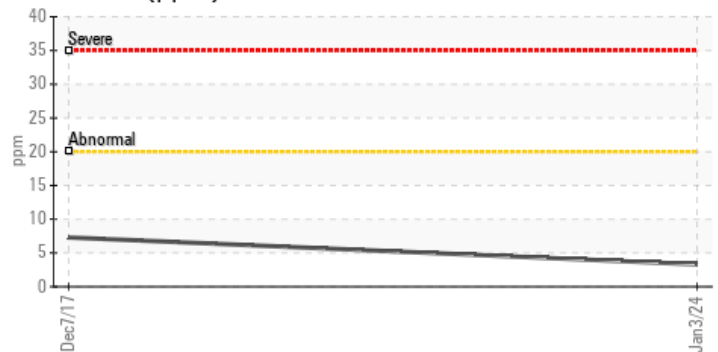
Chromium (ppm)



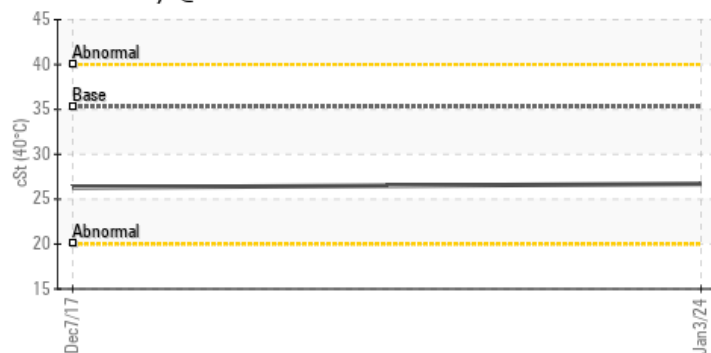
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

