



CONSTRUCTION EQUIPMENT

TRIPLE M METAL LP 392280 VOLVO L220H 2461 - TRANSMISSION (AUTO)



Sample No: VCP392031
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 392280



SAMPLE INFORMATION

Sample Number	VCP392031	VCP380065	VCE175556	VCE243671
Sample Date	08 Feb 2024	04 Dec 2023	12 Jul 2019	12 Mar 2018
Machine Hours	24447	23552	10718	4800
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Chngd	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

STRONGCO EQUIPMENT (CE)

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CA L7L 4Y1

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OIL CONDITION

Visc @ 40°C	cSt	26.1	26.4	25.9	26.1
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	3	4	5
Sodium	ppm	2	2	3	5
Potassium	ppm	1	<1	<1	<1

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

PQ		---	---	14	10
Iron	ppm	74	100	248	122
Copper	ppm	19	16	10	10
Lead	ppm	<1	<1	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	1	1	4	3
Chromium	ppm	0	0	<1	<1
Molybdenum	ppm	0	0	<1	0
Nickel	ppm	0	0	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	0	0
Manganese	ppm	0	0	2	3
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	121	113	83	85
Magnesium	ppm	1	1	3	<1
Zinc	ppm	30	39	13	17
Phosphorus	ppm	231	221	146	142
Barium	ppm	0	0	<1	1
Boron	ppm	88	85	56	52

Depot: VOLVO0252
Unique No: 5724152
Signed: Wes Davis
Report Date: 13 Feb 2024

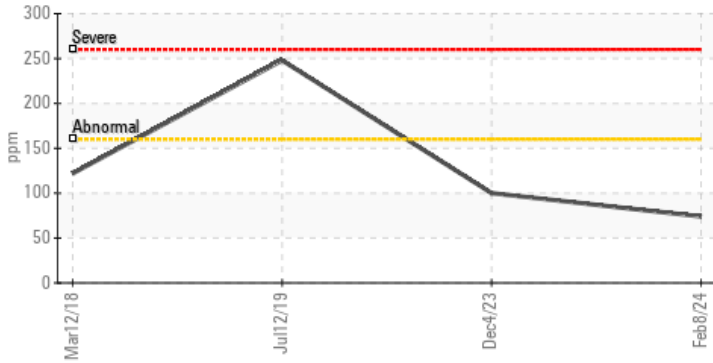


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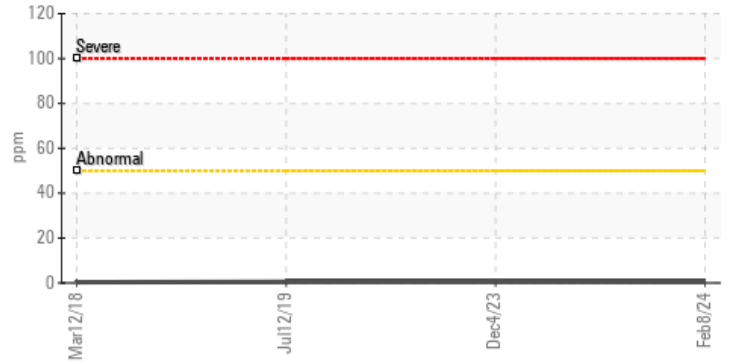


GRAPHS

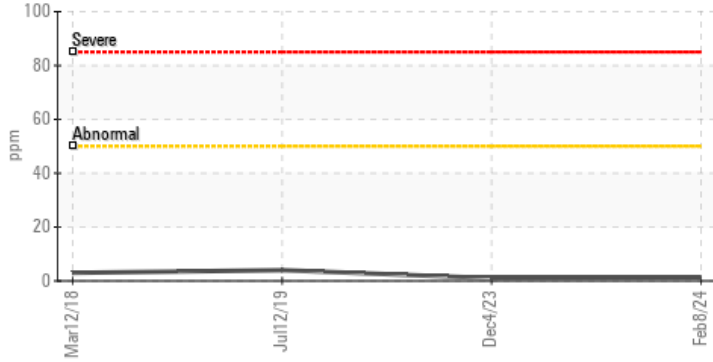
Iron (ppm)



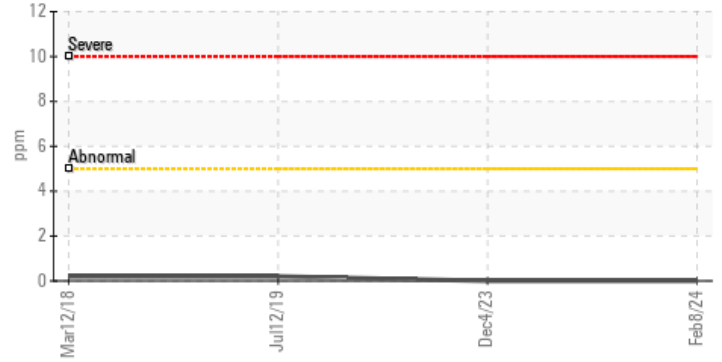
Lead (ppm)



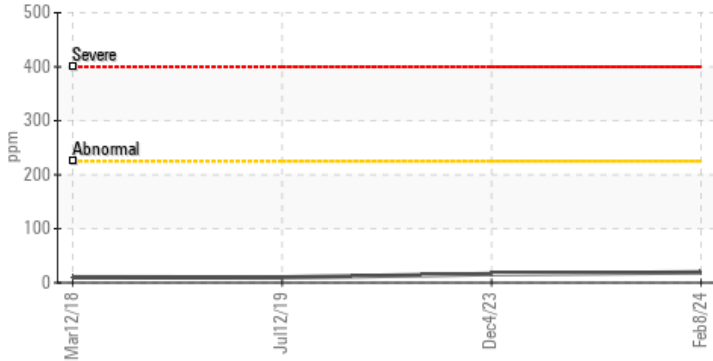
Aluminum (ppm)



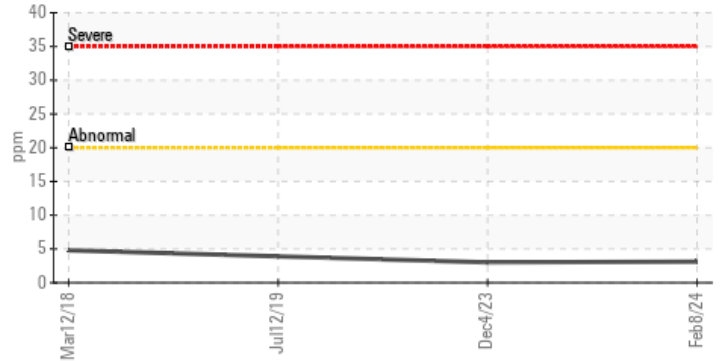
Chromium (ppm)



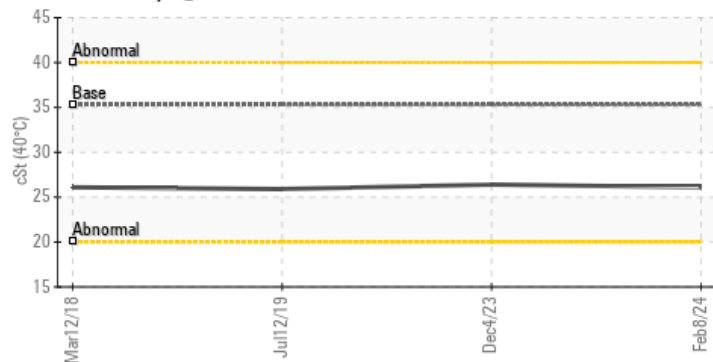
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

