



CONSTRUCTION EQUIPMENT

SPM659788-10 WASTE VOLVO L120E 632377 - TRANSMISSION (AUTO)



Sample No: VCP434426
Oil Type: VOLVO AT 101
Job No: SPM659788-10 WASTE



SAMPLE INFORMATION

Sample Number	VCP434426	VCP434916	VCP321051	VCP367994
Sample Date	17 Jan 2024	08 Nov 2023	06 Sep 2023	24 Jan 2023
Machine Hours	11308	10919	10556	9215
Oil Hours	0	0	0	371
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

ALTA EQUIPMENT COMPANY

1035 WYLIE DRIVE
 BLOOMINGTON, IL
 US 61705

Contact: MIKE MARTIN
 mike.martin@altaequipment.com

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OIL CONDITION

Visc @ 40°C	cSt	31.9	31.6	31.3	29.8
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	5	5	3	3
Sodium	ppm	0	<1	3	2
Potassium	ppm	2	2	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

Iron	ppm	96	89	76	50
Copper	ppm	109	96	69	3
Lead	ppm	<1	<1	0	0
Tin	ppm	<1	0	<1	<1
Aluminum	ppm	7	7	9	4
Chromium	ppm	<1	<1	<1	0
Molybdenum	ppm	9	8	5	3
Nickel	ppm	<1	<1	<1	0
Titanium	ppm	<1	<1	0	0
Silver	ppm	0	<1	0	0
Manganese	ppm	2	2	2	1
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	217	221	202	120
Magnesium	ppm	129	113	108	49
Zinc	ppm	174	158	147	68
Phosphorus	ppm	311	315	309	254
Barium	ppm	0	0	0	0
Boron	ppm	80	89	84	96

Depot: VOLVO5054
Unique No: 10860737
Signed: Wes Davis
Report Date: 05 Feb 2024

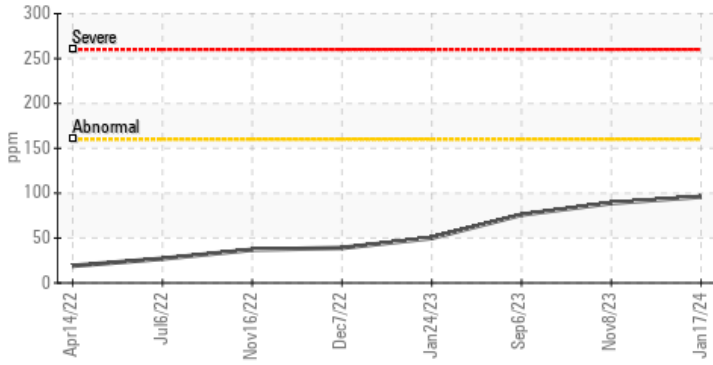


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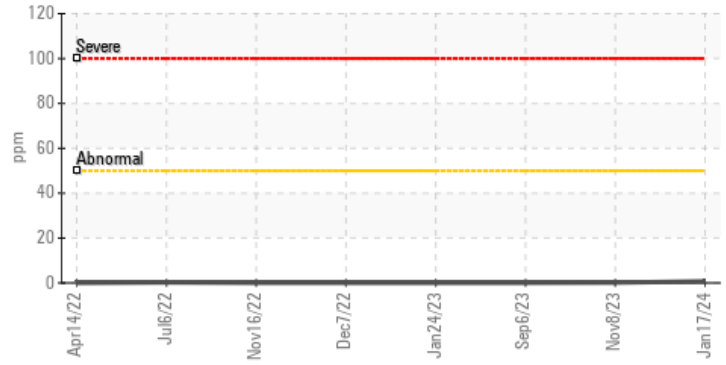


GRAPHS

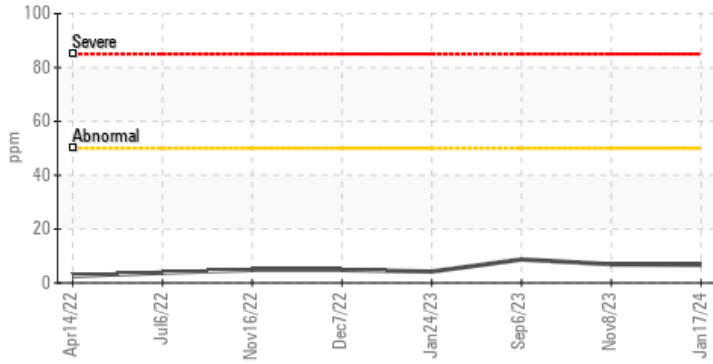
Iron (ppm)



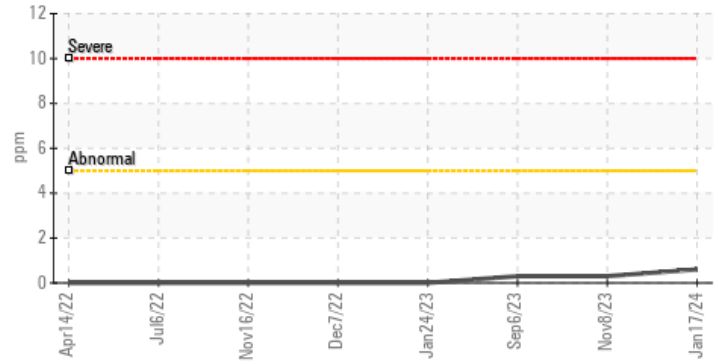
Lead (ppm)



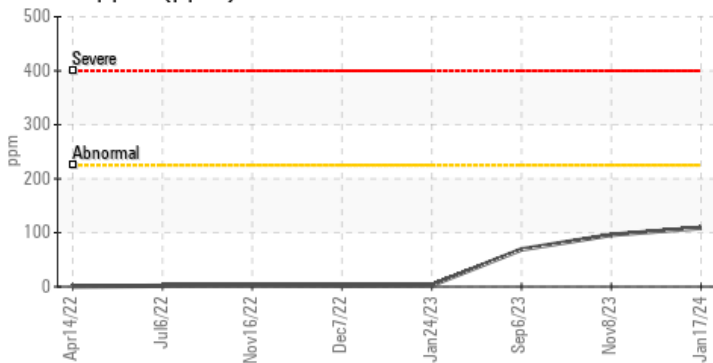
Aluminum (ppm)



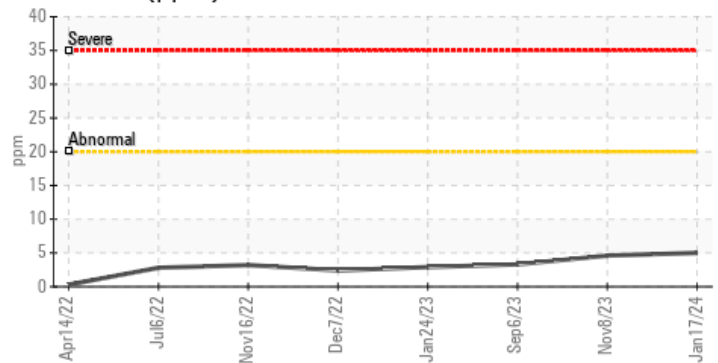
Chromium (ppm)



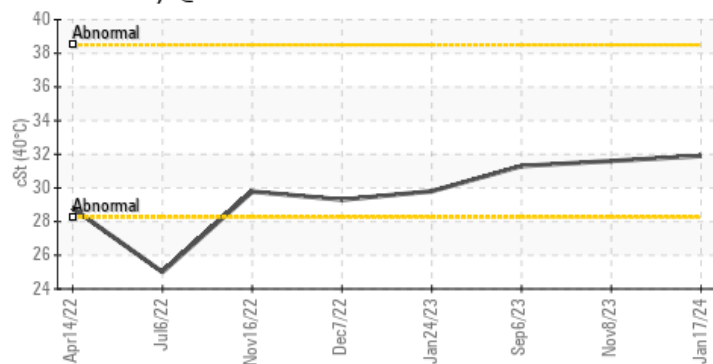
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

