



CONSTRUCTION EQUIPMENT

SPM634472 WASTE MGMT VOLVO L90H 624824 - TRANSMISSION (AUTO)



Sample No: VCP428532
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: SPM634472 WASTE MGMT



SAMPLE INFORMATION

Sample Number	VCP428532	VCP398363	VCP426423	VCP395501
Sample Date	29 Nov 2023	18 Oct 2023	03 Oct 2023	28 Sep 2023
Machine Hours	10587	10540	10193	10002
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

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 5000 INDUSTRIAL HWY
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 DAVE.ENG@ALTG.COM
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 F:



OIL CONDITION

Visc @ 40°C	cSt	27.7	27.6	39.5	27.9
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	17	16	17	25
Sodium	ppm	11	10	9	9
Potassium	ppm	23	23	24	22

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	66	54	51	43
Copper	ppm	8	8	7	6
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	1	1	1	<1
Chromium	ppm	0	<1	0	0
Molybdenum	ppm	0	0	0	0
Nickel	ppm	0	<1	0	0
Titanium	ppm	0	0	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	6	6	6	6
Vanadium	ppm	0	0	<1	<1



ADDITIVES

Calcium	ppm	75	76	78	78
Magnesium	ppm	<1	2	2	2
Zinc	ppm	24	22	18	15
Phosphorus	ppm	163	170	175	172
Barium	ppm	<1	0	0	0
Boron	ppm	60	60	63	64

Depot: VOLVO8885
Unique No: 10793487
Signed: Jonathan Hester
Report Date: 20 Dec 2023

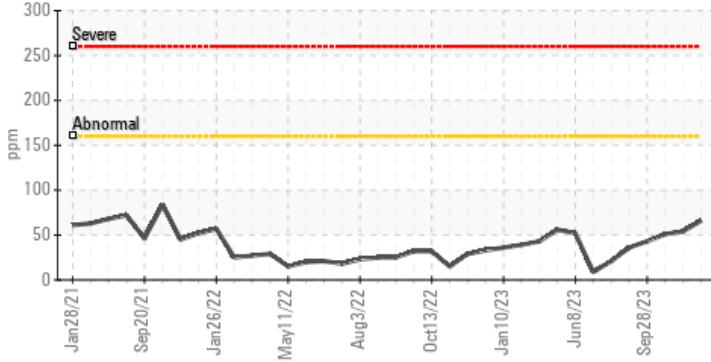


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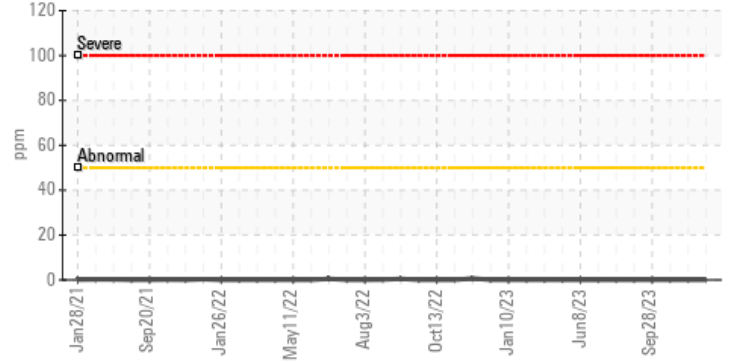


GRAPHS

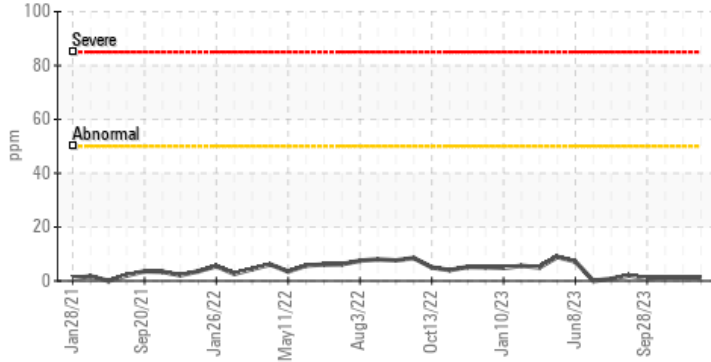
Iron (ppm)



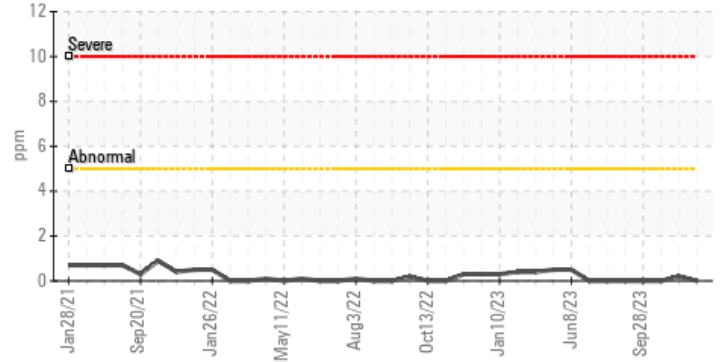
Lead (ppm)



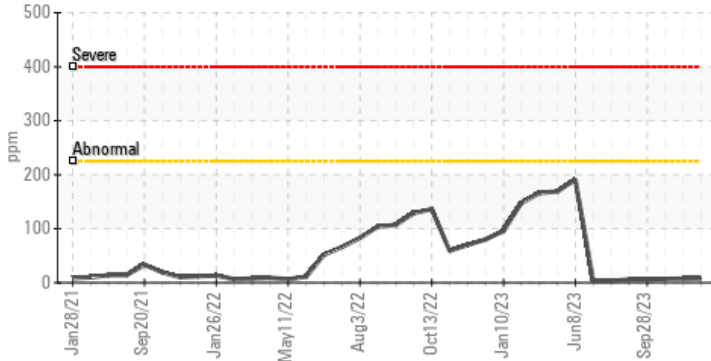
Aluminum (ppm)



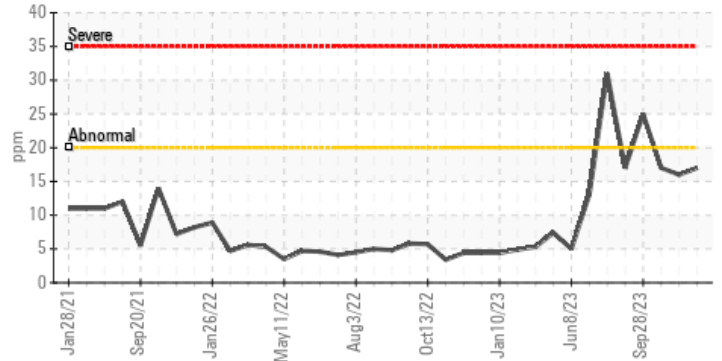
Chromium (ppm)



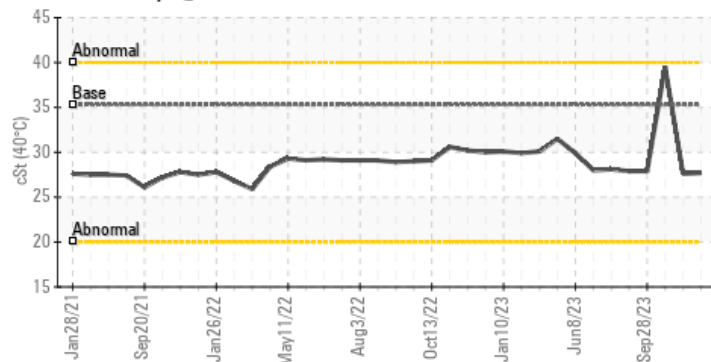
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

