



CONSTRUCTION EQUIPMENT

620770 MOSAIC VOLVO L260H 1258 - TRANSMISSION (AUTO)



Sample No: VCP423504
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 620770 MOSAIC



SAMPLE INFORMATION

Sample Number	VCP423504	VCP422673	VCP402989	VCP390698
Sample Date	19 Oct 2023	27 Jun 2023	17 Feb 2023	04 Oct 2022
Machine Hours	3922	3304	2683	2102
Oil Hours	1500	1000	2683	1500
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	27.1	31.9	27.2	27.3
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CONTAMINATION

Silicon	ppm	8	7	9	9
Sodium	ppm	5	4	4	5
Potassium	ppm	7	3	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	67	62	60	50
Copper	ppm	8	7	8	9
Lead	ppm	0	0	<1	0
Tin	ppm	<1	0	0	<1
Aluminum	ppm	3	3	1	4
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	0	<1	<1	1
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	<1	<1
Manganese	ppm	4	3	5	4
Vanadium	ppm	<1	0	0	1



ADDITIVES

Calcium	ppm	82	98	81	73
Magnesium	ppm	<1	<1	<1	0
Zinc	ppm	30	22	12	10
Phosphorus	ppm	194	200	180	189
Barium	ppm	4	2	0	0
Boron	ppm	57	69	61	63

Depot: VOLVO0093
Unique No: 10742496
Signed: Wes Davis
Report Date: 16 Nov 2023

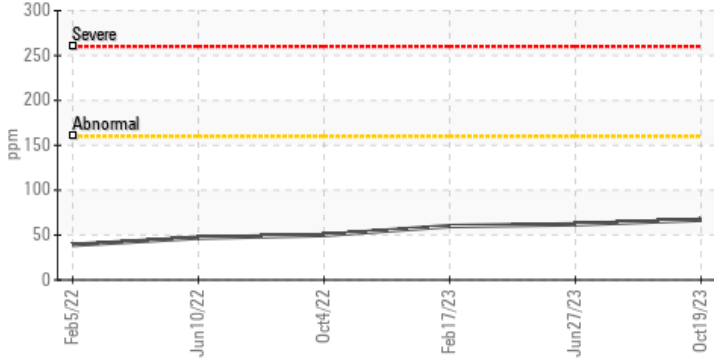


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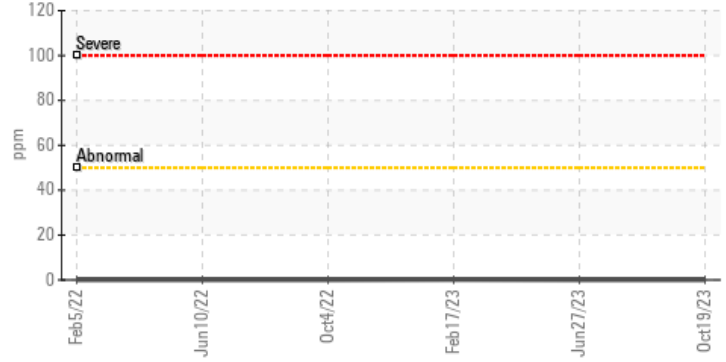


GRAPHS

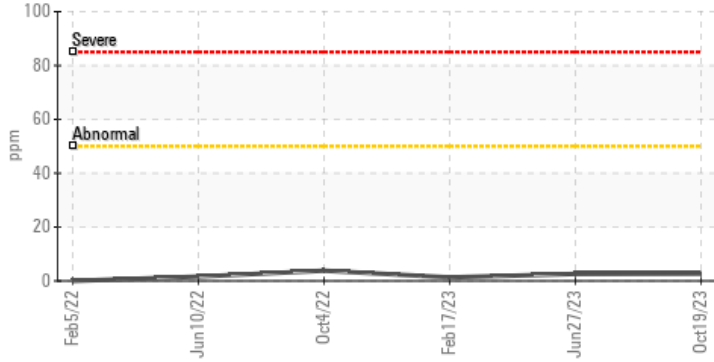
Iron (ppm)



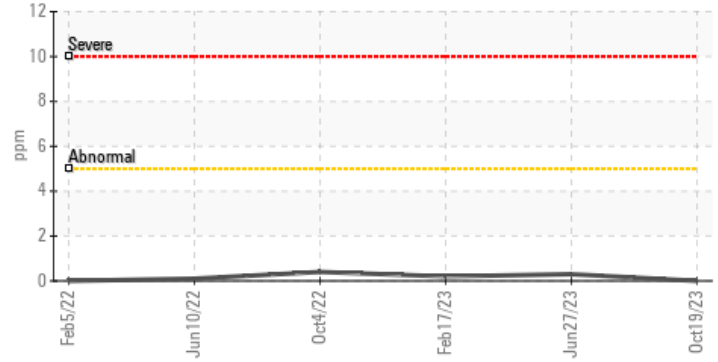
Lead (ppm)



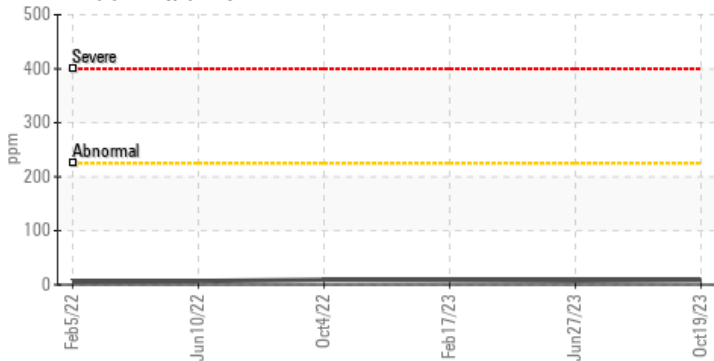
Aluminum (ppm)



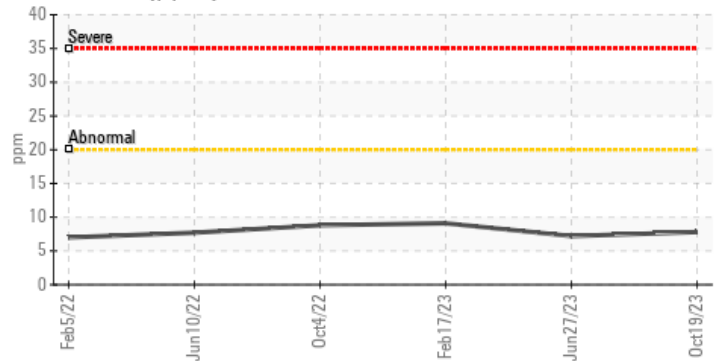
Chromium (ppm)



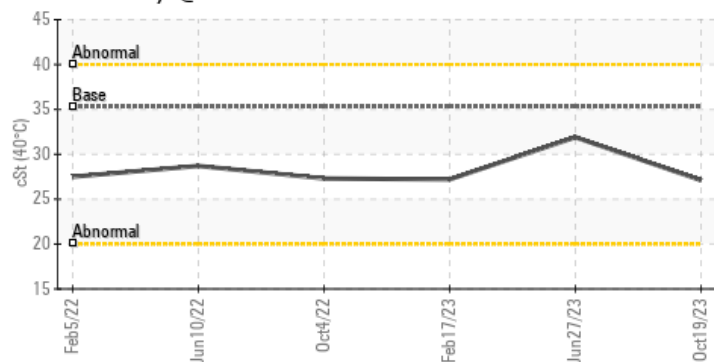
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

