



CONSTRUCTION EQUIPMENT

600223 VOLVO L120H 632093 - TRANSMISSION (AUTO)



Sample No: VCP379875
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 600223



SAMPLE INFORMATION

Sample Number	VCP379875	VCP435181	VCP424204	VCP403242
Sample Date	19 Apr 2024	21 Sep 2023	07 Sep 2023	01 Aug 2023
Machine Hours	20875	19017	18922	18768
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	27.7	30.8	28.8	27.3
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	2	2	5
Sodium	ppm	2	<1	0	0
Potassium	ppm	0	<1	0	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	18	16	10	28
Copper	ppm	2	2	2	5
Lead	ppm	0	0	<1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	4	2	3	6
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	<1	0	<1
Nickel	ppm	0	0	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	101	94	83	69
Magnesium	ppm	<1	6	1	0
Zinc	ppm	11	6	0	5
Phosphorus	ppm	209	206	197	191
Barium	ppm	0	0	0	0
Boron	ppm	88	108	99	87

Depot: VOLVO1271
Unique No: 11005698
Signed: Jonathan Hester
Report Date: 03 May 2024

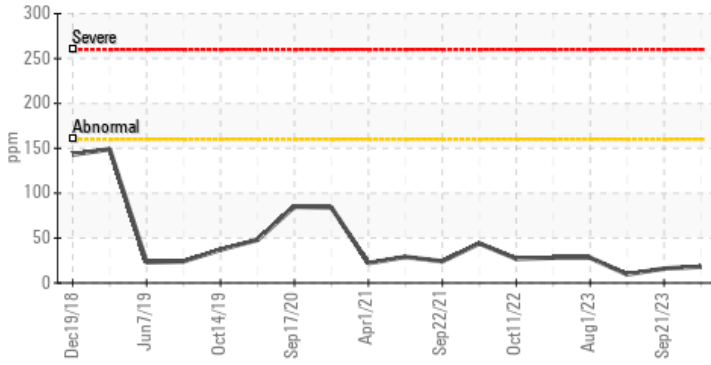


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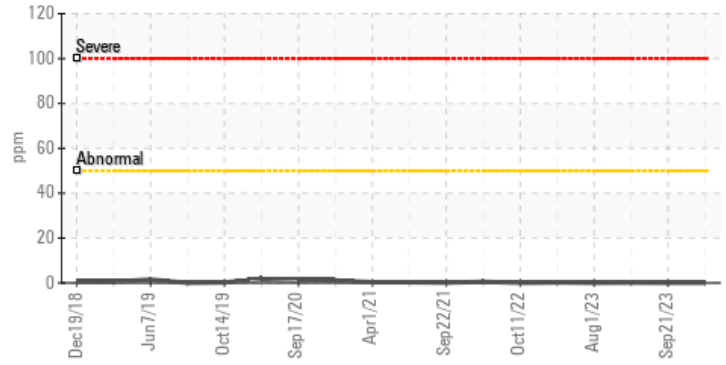


VOLVO GRAPHS

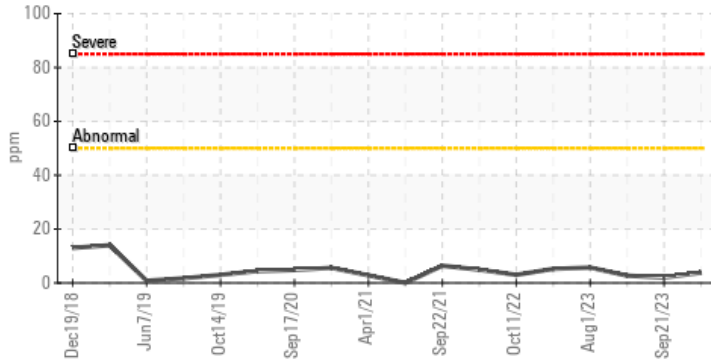
Iron (ppm)



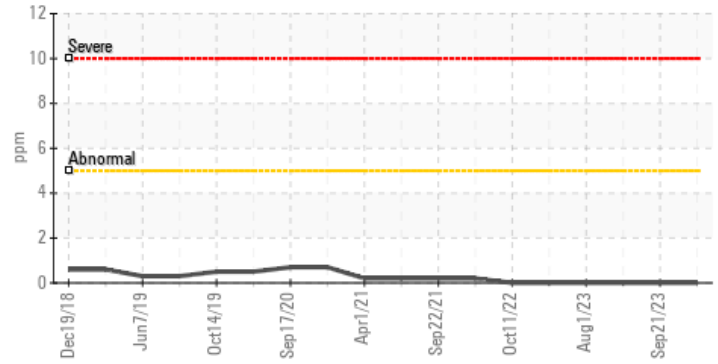
Lead (ppm)



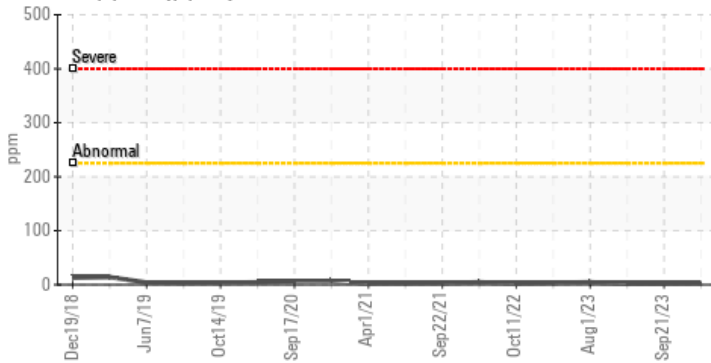
Aluminum (ppm)



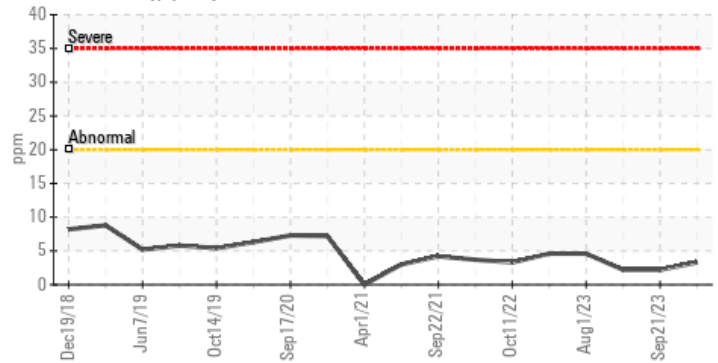
Chromium (ppm)



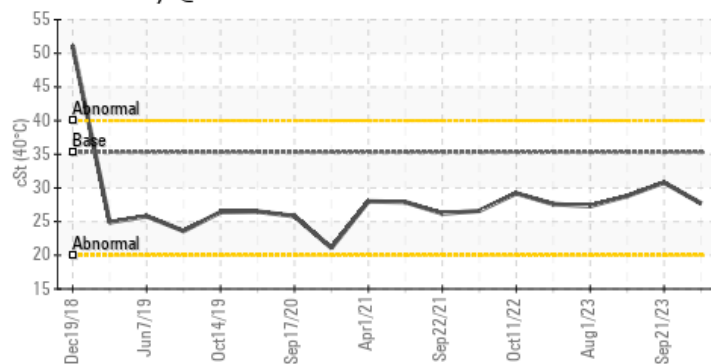
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

