



CONSTRUCTION EQUIPMENT

VOLVO L120H 632540 - TRANSMISSION (AUTO)



Sample No: VCP455172
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No:



SAMPLE INFORMATION

Sample Number	VCP455172	VCP454246	VCP445826	VCP433505
Sample Date	24 Apr 2024	29 Mar 2024	28 Feb 2024	09 Nov 2023
Machine Hours	16240	15812	15301	13618
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
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OIL CONDITION

Visc @ 40°C	cSt	28.3	29.6	28.0	28.5
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	4	4	3
Sodium	ppm	4	3	3	2
Potassium	ppm	<1	0	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	17	12
Copper	ppm	55	53	56	50
Lead	ppm	<1	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	6	6	5	3
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	0	0
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	0
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	103	95	109	88
Magnesium	ppm	<1	0	6	<1
Zinc	ppm	36	26	37	34
Phosphorus	ppm	215	208	211	186
Barium	ppm	0	0	0	0
Boron	ppm	75	73	69	70

Depot: VOLVO0090
Unique No: 11005695
Signed: Wes Davis
Report Date: 01 May 2024

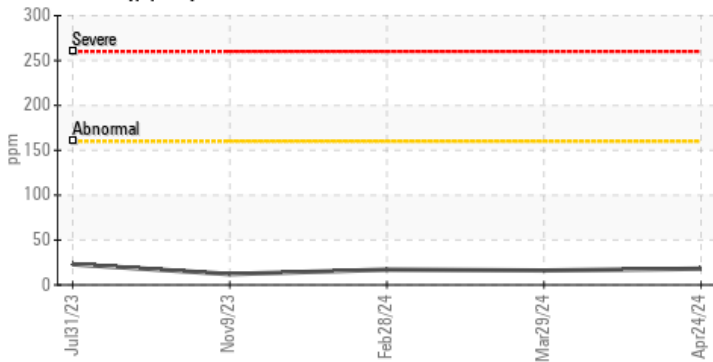


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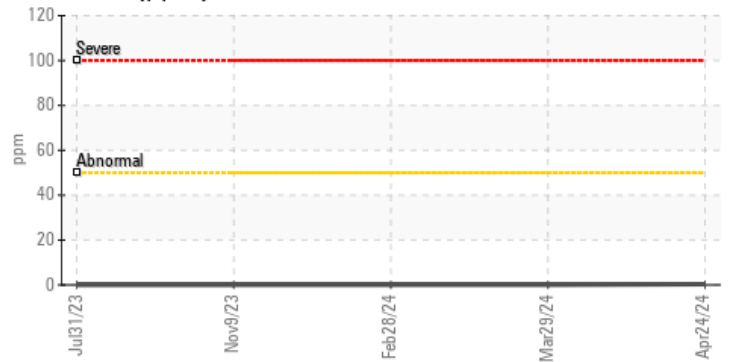


GRAPHS

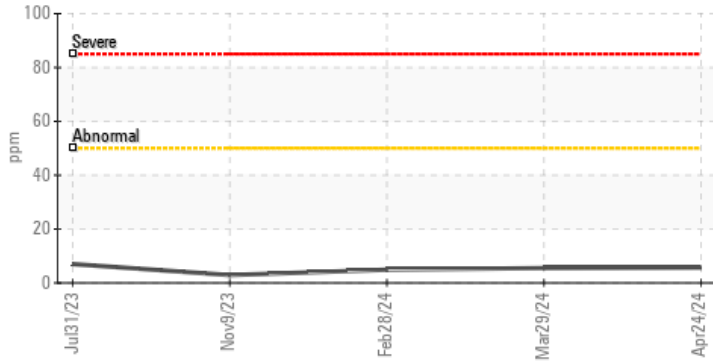
Iron (ppm)



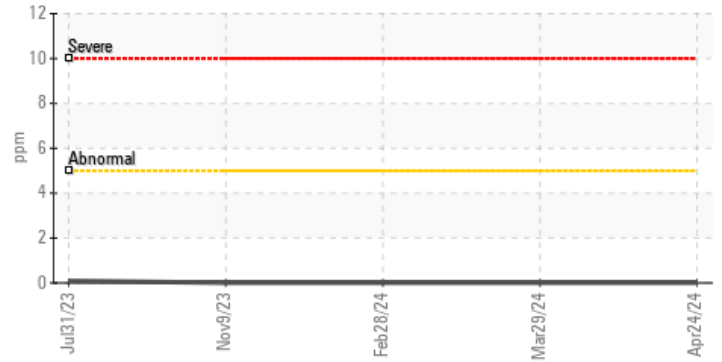
Lead (ppm)



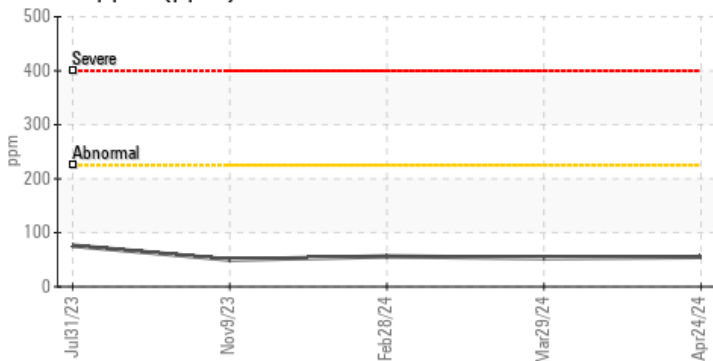
Aluminum (ppm)



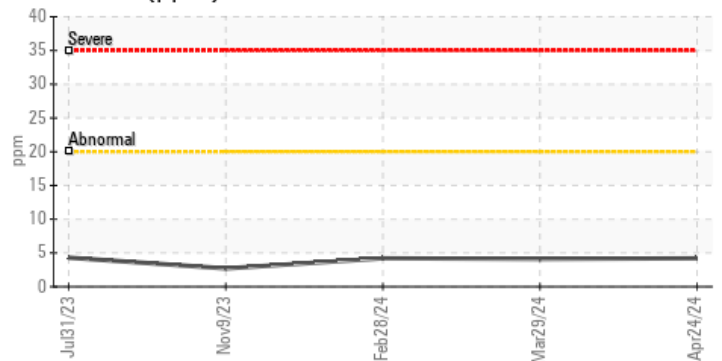
Chromium (ppm)



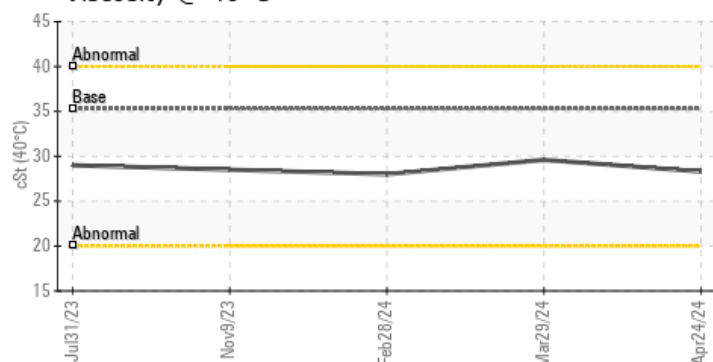
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

