



CONSTRUCTION EQUIPMENT

354877 VOLVO L120H 632062 - TRANSMISSION (AUTO)



Sample No: VCP379511
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 354877



SAMPLE INFORMATION

Sample Number	VCP379511	VCP209340	VCP208689	VCP191273
Sample Date	09 Feb 2023	28 Aug 2018	21 Feb 2018	21 Sep 2017
Machine Hours	30000	8428	6129	4083
Oil Hours	0	4000	2000	4000
Oil Changed	Changed	Changed	Not Changd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

STRONGCO EQUIPMENT--CALGARY

7923 54TH STREET SE
 CALGARY, AB
 CA T2C 4R7

Contact: Tracey Lewin
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 T: (403)216-1010
 F: (403)216-1016



OIL CONDITION

Visc @ 40°C	cSt	30.5	26.7	26.7	26.5
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CONTAMINATION

Silicon	ppm	4	4	4	9
Sodium	ppm	<1	4	4	8
Potassium	ppm	<1	<1	<1	<1



WEAR METALS

Iron	ppm	24	41	27	83
Copper	ppm	35	11	8	18
Lead	ppm	<1	<1	<1	<1
Tin	ppm	<1	0	0	<1
Aluminum	ppm	<1	2	<1	2
Chromium	ppm	0	0	<1	<1
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	0	0	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	2	2	7
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	141	89	86	99
Magnesium	ppm	26	2	1	1
Zinc	ppm	43	14	12	26
Phosphorus	ppm	245	161	157	160
Barium	ppm	0	<1	<1	3
Boron	ppm	89	60	66	49

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.

Depot: VOLVO3909
Unique No: 5528166
Signed: Kevin Marson
Report Date: 13 Feb 2023

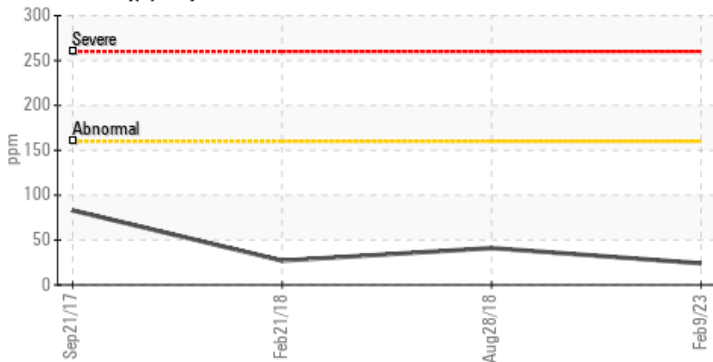


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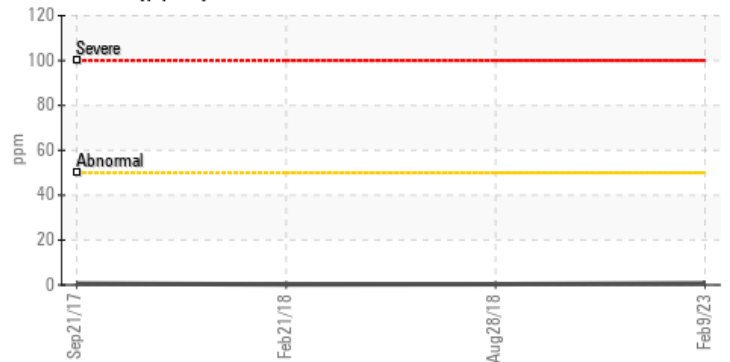


GRAPHS

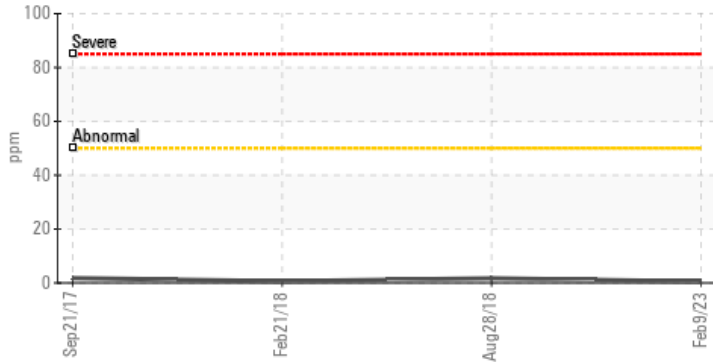
Iron (ppm)



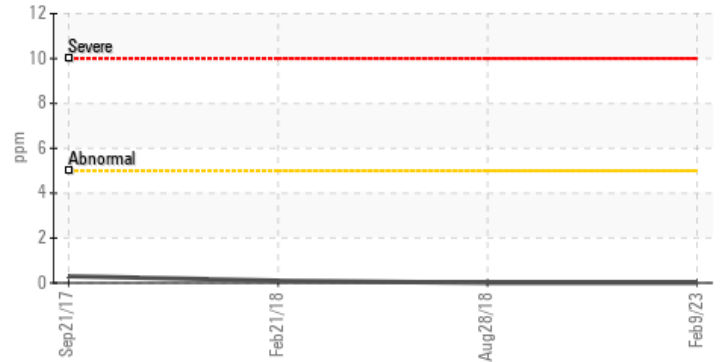
Lead (ppm)



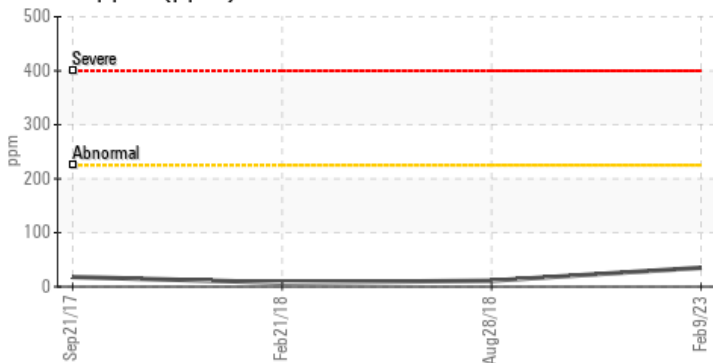
Aluminum (ppm)



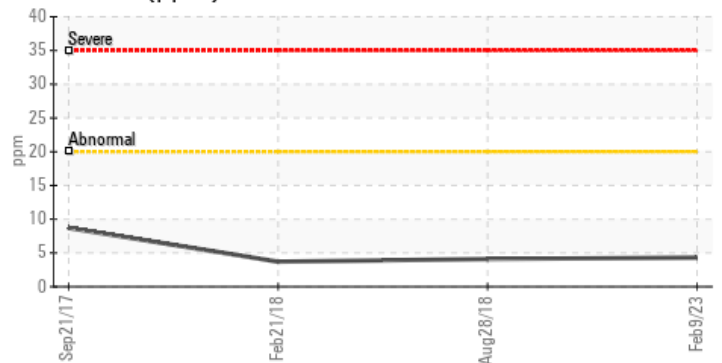
Chromium (ppm)



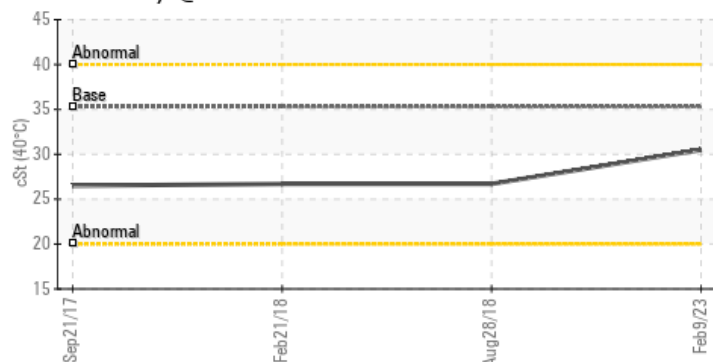
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

