



CONSTRUCTION EQUIPMENT

364539 VOLVO L120H 632067 - TRANSMISSION (AUTO)



Sample No: VCP382155
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 364539



SAMPLE INFORMATION

Sample Number	VCP382155	VCP332774	VCP334128	VCP275206
Sample Date	24 May 2023	04 May 2022	14 Feb 2022	06 Apr 2021
Machine Hours	25175	21283	19715	15936
Oil Hours	4000	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

STRONGCO EQUIP (AB)
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 RED DEER COUNTY, AB
 CA T4S 2L4
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OIL CONDITION

Visc @ 40°C	cSt	28.9	38.3	31.9	26.4
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CONTAMINATION

Silicon	ppm	5	4	10	4
Sodium	ppm	2	1	1	2
Potassium	ppm	1	1	1	<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	34	22	39	40
Copper	ppm	4	2	5	7
Lead	ppm	0	<1	0	0
Tin	ppm	0	0	<1	0
Aluminum	ppm	3	<1	<1	2
Chromium	ppm	0	0	<1	<1
Molybdenum	ppm	3	<1	<1	<1
Nickel	ppm	0	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	236	89	85	86
Magnesium	ppm	38	<1	2	2
Zinc	ppm	95	6	10	8
Phosphorus	ppm	252	176	164	151
Barium	ppm	0	0	0	<1
Boron	ppm	64	74	64	61

Depot: VOLVO9652
Unique No: 5580879
Signed: Wes Davis
Report Date: 26 May 2023

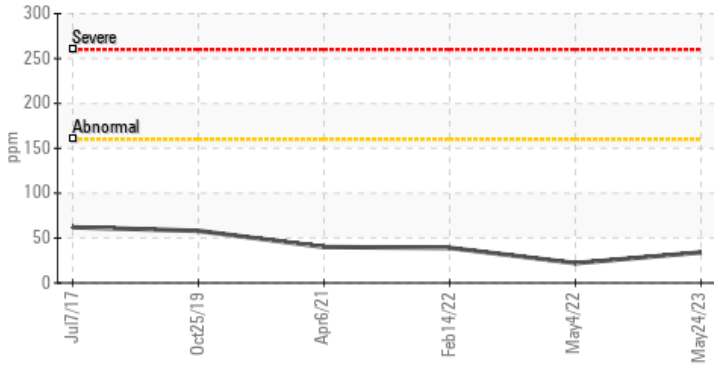


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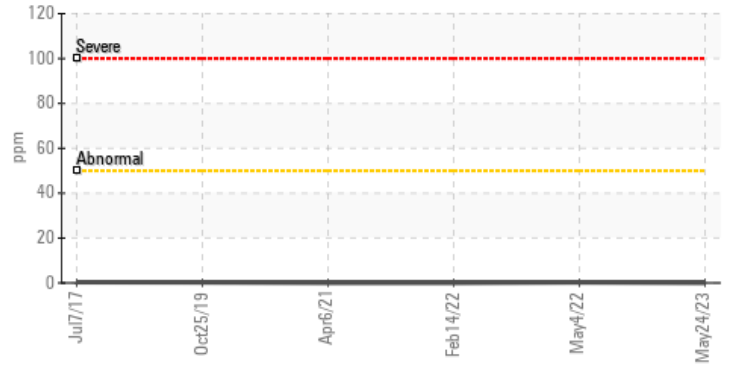


GRAPHS

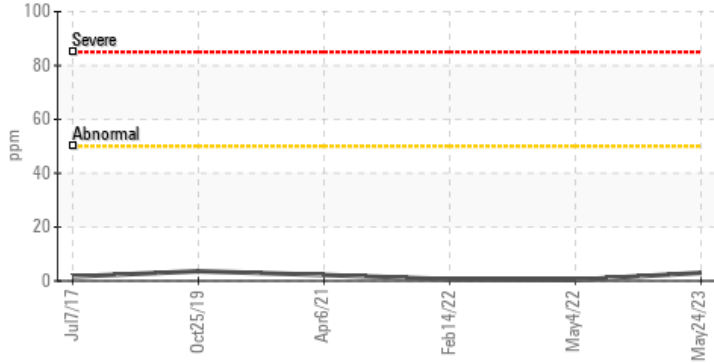
Iron (ppm)



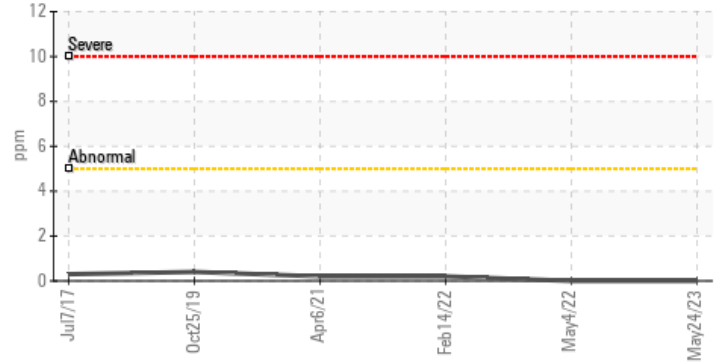
Lead (ppm)



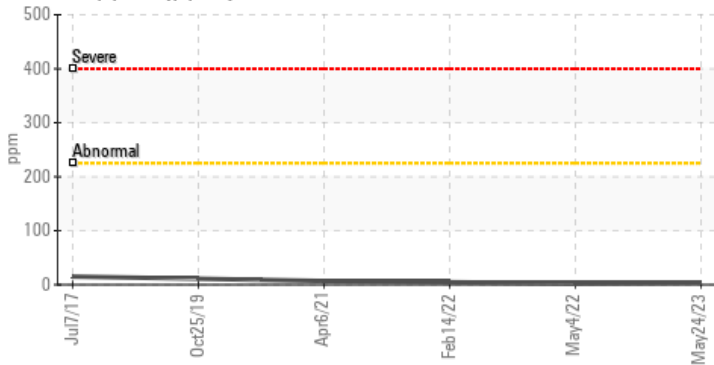
Aluminum (ppm)



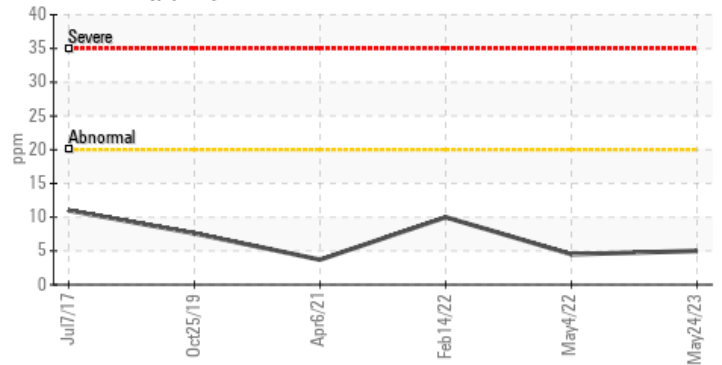
Chromium (ppm)



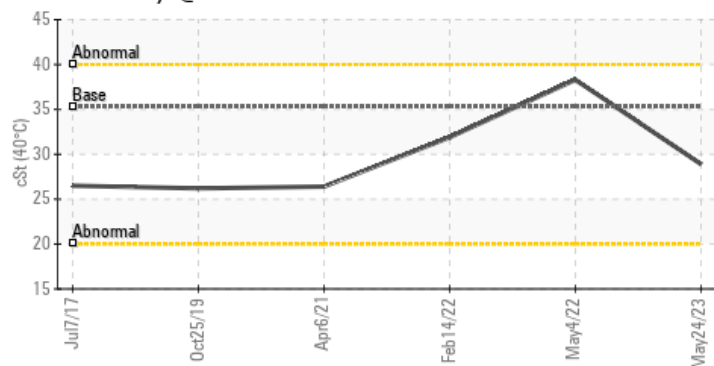
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

