



CONSTRUCTION EQUIPMENT

368538 VOLVO L120H 632080 - TRANSMISSION (AUTO)



Sample No: VCP392199
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 368538



SAMPLE INFORMATION

Sample Number	VCP392199	VCP353089	VCP233203	VCP297696
Sample Date	19 Jun 2023	29 Sep 2022	03 Aug 2021	30 Jun 2021
Machine Hours	30691	27509	20739	20306
Oil Hours	4000	0	400	0
Oil Changed	Changed	Changed	Not Changd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

STRONGCO EQUIP (AB)
 6 - 38403 BURNT LAKE TRAIL
 RED DEER COUNTY, AB
 CA T4S 2L4
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OIL CONDITION

Visc @ 40°C	cSt	26.9	29.0	33.3	26.6
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	7	8	5	9
Sodium	ppm	2	2	<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	8	21	17	60
Copper	ppm	27	124	3	14
Lead	ppm	<1	3	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	1	2	<1	2
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	0	0	<1	<1
Nickel	ppm	0	0	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	0
Manganese	ppm	<1	<1	<1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	110	74	75	85
Magnesium	ppm	<1	<1	1	1
Zinc	ppm	23	40	47	11
Phosphorus	ppm	190	214	212	162
Barium	ppm	0	0	0	0
Boron	ppm	65	70	76	63

Depot: VOLVO9652
Unique No: 5594392
Signed: Wes Davis
Report Date: 21 Jun 2023

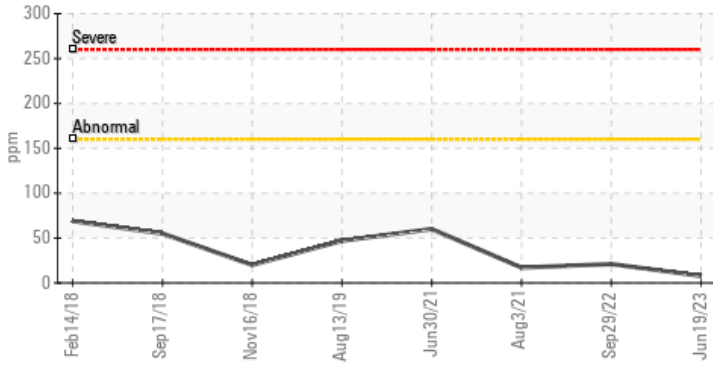


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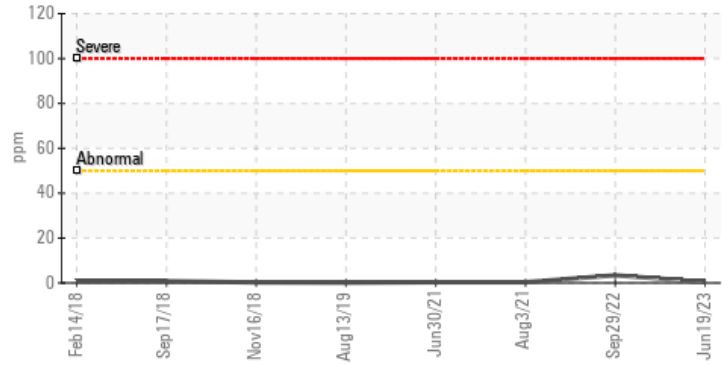


GRAPHS

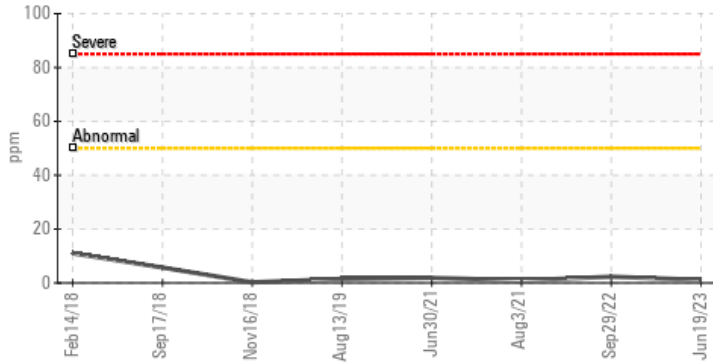
Iron (ppm)



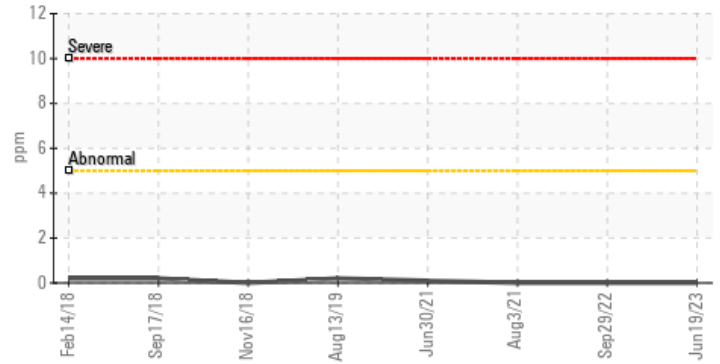
Lead (ppm)



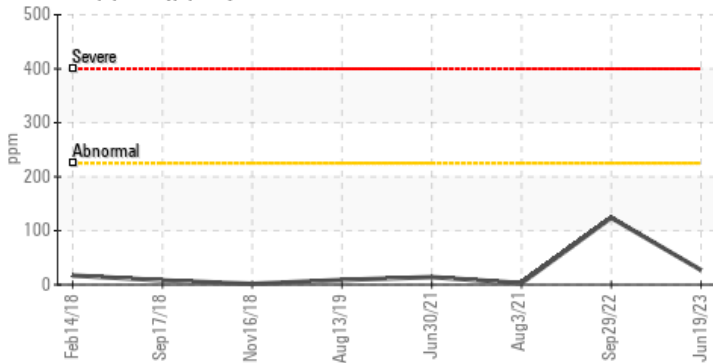
Aluminum (ppm)



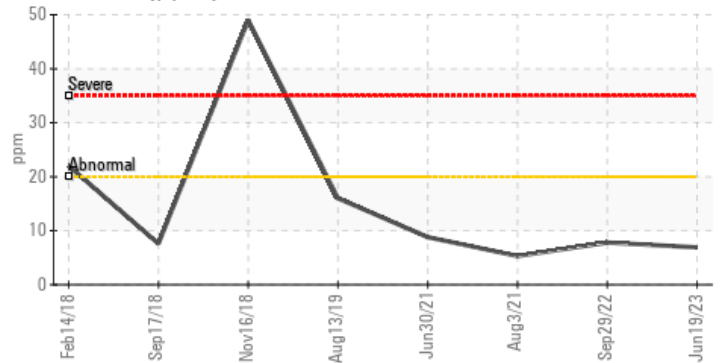
Chromium (ppm)



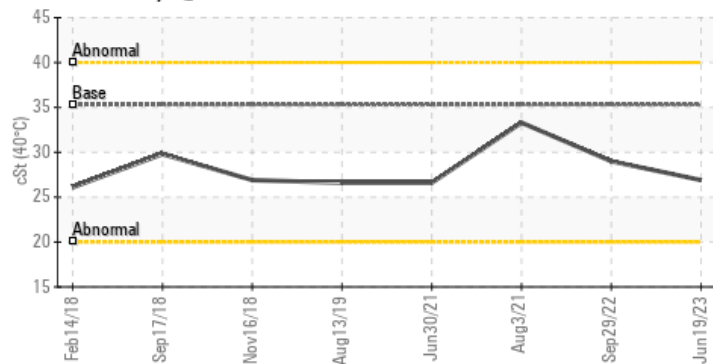
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

