



CONSTRUCTION EQUIPMENT

527681 VOLVO L60H 622532 - TRANSMISSION (AUTO)



Sample No: VCP437944
Oil Type: VOLVO AT 102
Job No: 527681



SAMPLE INFORMATION

Sample Number	VCP437944	VCP452097	VCP432168	VCP433331
Sample Date	05 Apr 2024	14 Feb 2024	14 Dec 2023	11 Oct 2023
Machine Hours	11071	10530	9859	9385
Oil Hours	1000	2000	0	9385
Oil Changed	Not Changd	Not Changd	Not Changd	Not Changd
Sample Status	ABNORMAL	ABNORMAL	ABNORMAL	ABNORMAL

WASTE MANAGEMENT TAMPA TRANSFER
 3518 4TH AVE
 TAMPA, FL
 US 33605
 Contact: JOHN POLLOCK
 jpollock2@wm.com
 T: (813)247-7397
 F: (813)247-4847



OIL CONDITION

Visc @ 40°C	cSt	30.4	27.1	27.1	27.3
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	10	10	10	9
Sodium	ppm	11	12	4	11
Potassium	ppm	4	1	0	3

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The iron level is abnormal. All other 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	257	236	210	199
Copper	ppm	23	21	13	18
Lead	ppm	1	0	0	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	1	1	1	1
Chromium	ppm	1	<1	<1	<1
Molybdenum	ppm	1	0	0	0
Nickel	ppm	1	<1	0	<1
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	10	9	10	9
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	77	67	63	79
Magnesium	ppm	3	0	0	0
Zinc	ppm	47	26	17	38
Phosphorus	ppm	195	195	180	145
Barium	ppm	0	0	0	0
Boron	ppm	63	55	55	56

Depot: WASTAM
Unique No: 11019094
Signed: Sean Felton
Report Date: 10 May 2024

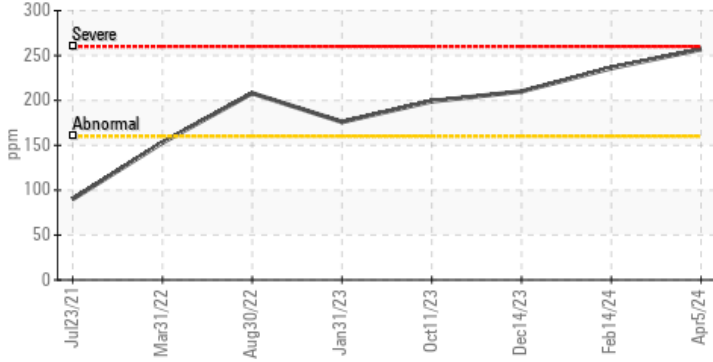


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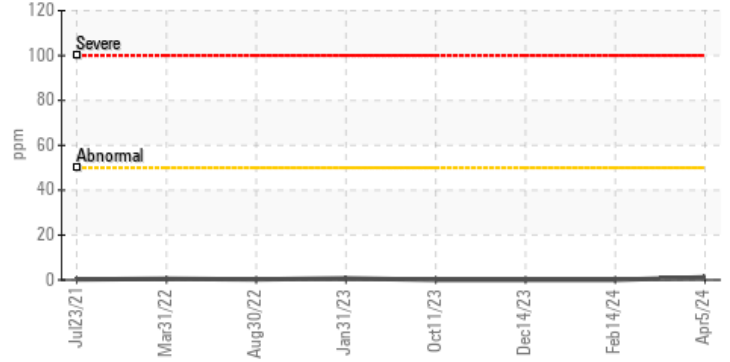


GRAPHS

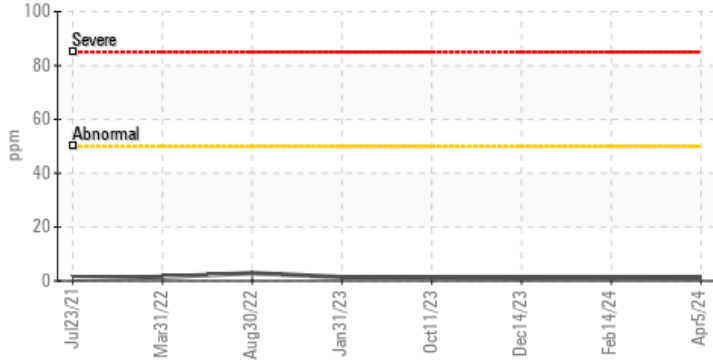
▲ Iron (ppm)



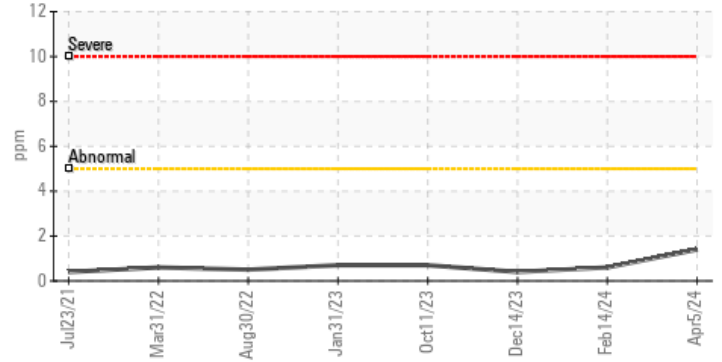
Lead (ppm)



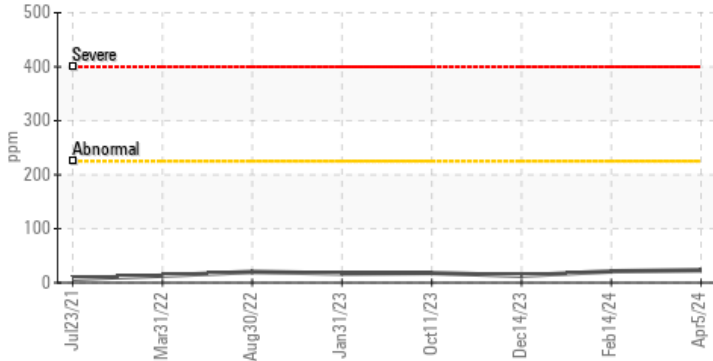
Aluminum (ppm)



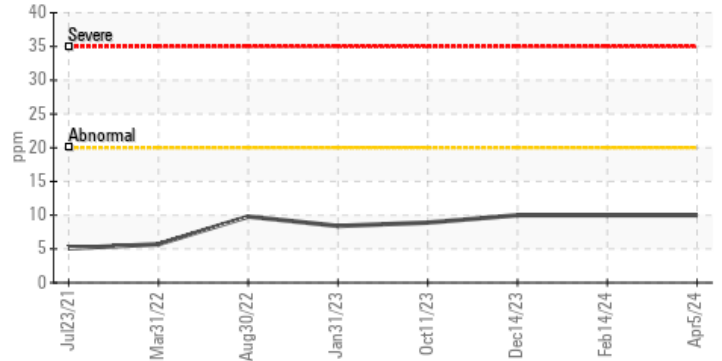
Chromium (ppm)



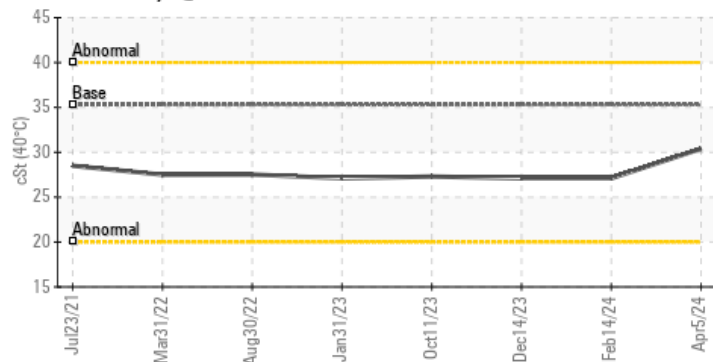
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

