



CONSTRUCTION EQUIPMENT

VOLVO A30G 742658 - TRANSMISSION (AUTO)



Sample No: VCP0008122
Oil Type: VOLVO AT 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP0008122	VCP0008118	VCP0008088	VCP315038
Sample Date	11 Dec 2023	04 Dec 2023	02 Oct 2023	10 Mar 2021
Machine Hours	1534	1534	0	938
Oil Hours	1534	1534	0	0
Oil Changed	N/A	N/A	N/A	Not Changd
Sample Status	NORMAL	MARGINAL	ABNORMAL	NORMAL

ALTA EQUIPMENT COMPANY
 8750 PHILIPS HWY
 JACKSONVILLE, FL
 US 32256
 Contact: SHAWN NORTHCRAFT
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 T: (904)737-6000
 F: (904)737-1260



OIL CONDITION

Visc @ 40°C	cSt	29.6	28.8	29.4	29.6
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CONTAMINATION

Water	%	NEG	▲ 0.117	NEG	NEG
Silicon	ppm	2	3	14	13
Sodium	ppm	0	1	9	6
Potassium	ppm	<1	<1	6	4

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	0	0	80	31
Copper	ppm	0	<1	109	66
Lead	ppm	0	0	<1	0
Tin	ppm	0	0	▲ 19	10
Aluminum	ppm	1	0	▲ 54	23
Chromium	ppm	0	0	<1	<1
Molybdenum	ppm	<1	0	<1	<1
Nickel	ppm	0	0	18	11
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	5	4
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	76	66	143	176
Magnesium	ppm	2	<1	1	0
Zinc	ppm	0	0	7	0
Phosphorus	ppm	188	189	250	303
Barium	ppm	0	0	0	0
Boron	ppm	107	96	77	88

Depot: VOLVO0092
Unique No: 10789137
Signed: Jonathan Hester
Report Date: 18 Dec 2023

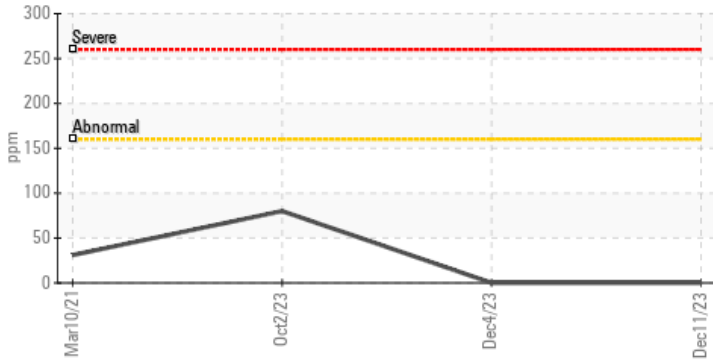


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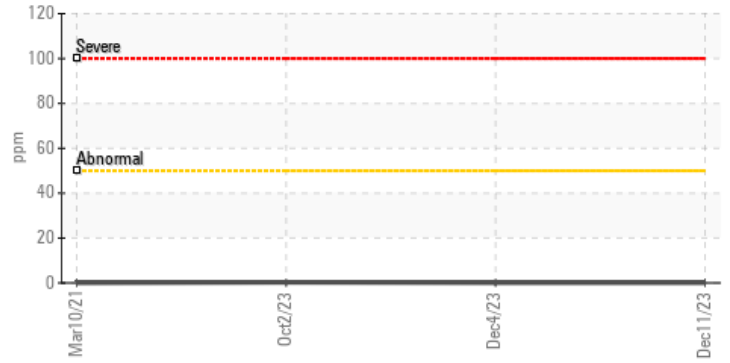


GRAPHS

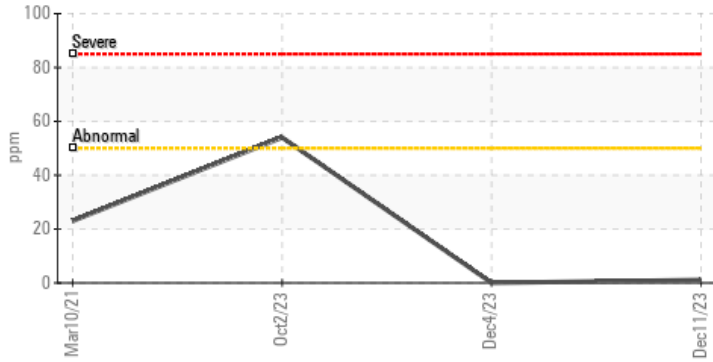
Iron (ppm)



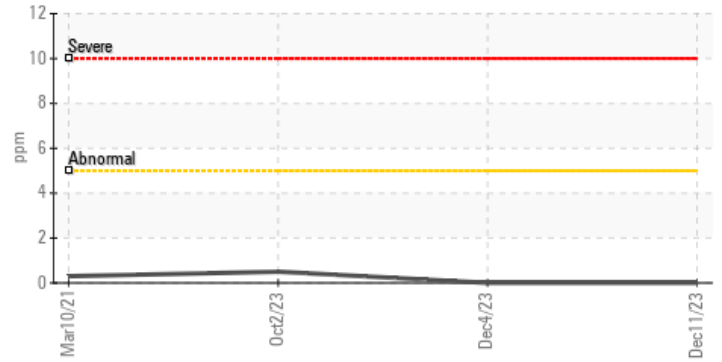
Lead (ppm)



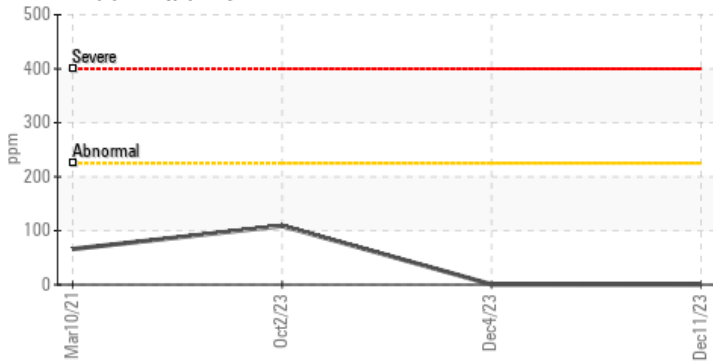
Aluminum (ppm)



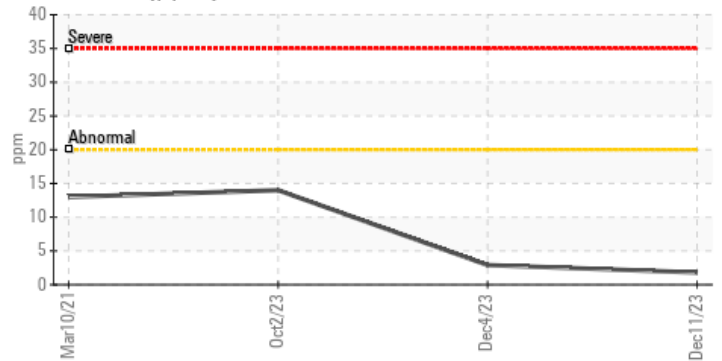
Chromium (ppm)



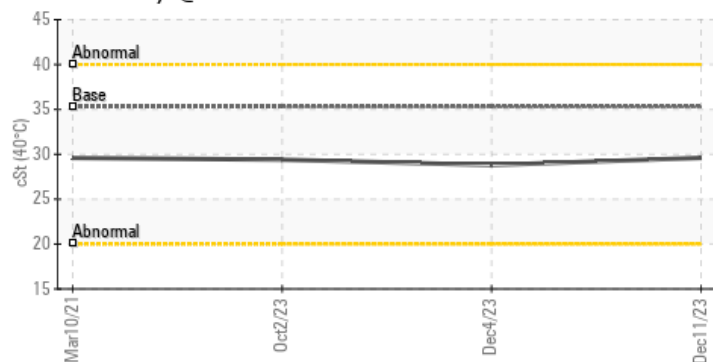
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

