



CONSTRUCTION EQUIPMENT

660140 VOLVO L110H 632644 - TRANSMISSION (AUTO)



Sample No: VCP449219
Oil Type: VOLVO AT 102
Job No: 660140



SAMPLE INFORMATION

Sample Number	VCP449219	VCP431787	---	---
Sample Date	15 Jan 2024	04 Dec 2023	---	---
Machine Hours	2464	0	---	---
Oil Hours	2464	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---

COVANTA
 350 FLAKENBURG ROAD
 TAMPA, FL
 US 33619
 Contact: SERVICE MANAGER



OIL CONDITION

Visc @ 40°C	cSt	28.2	28.4	---	---
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T: (813)684-5688
 F:



CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	8	7	---	---
Sodium	ppm	1	3	---	---
Potassium	ppm	2	0	---	---

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	67	52	---	---
Copper	ppm	6	4	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	2	<1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	<1	0	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	4	5	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	72	63	---	---
Magnesium	ppm	1	0	---	---
Zinc	ppm	0	9	---	---
Phosphorus	ppm	236	195	---	---
Barium	ppm	13	4	---	---
Boron	ppm	71	82	---	---

Depot: COVTAM
Unique No: 10886691
Signed: Don Baldrige
Report Date: 21 Feb 2024

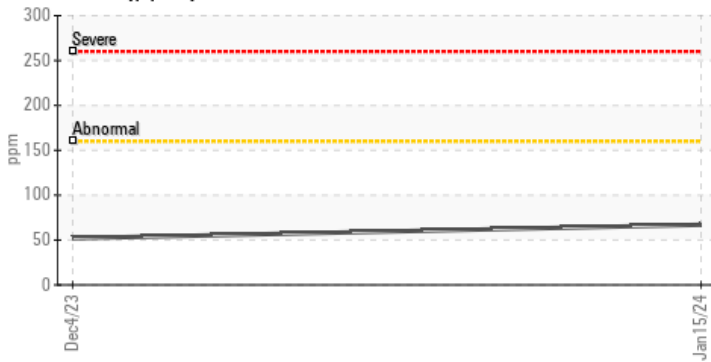


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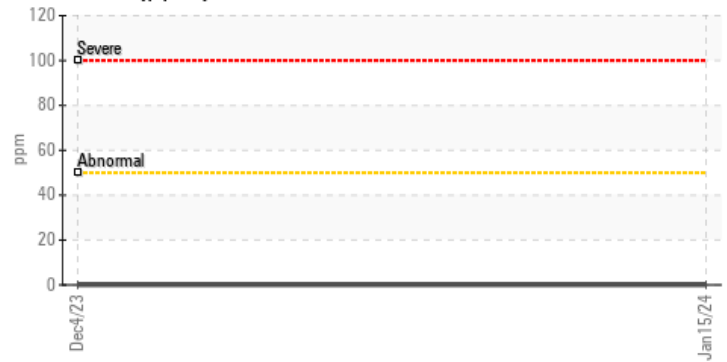


GRAPHS

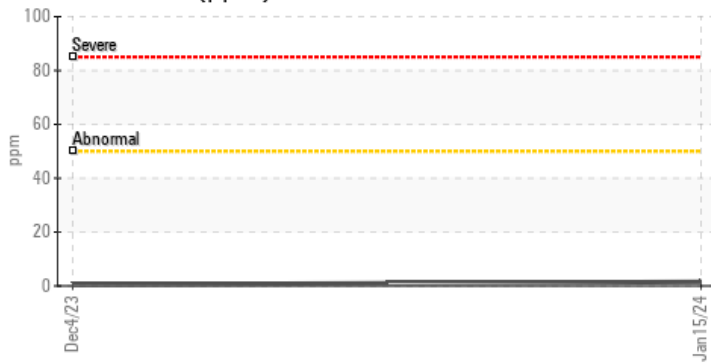
Iron (ppm)



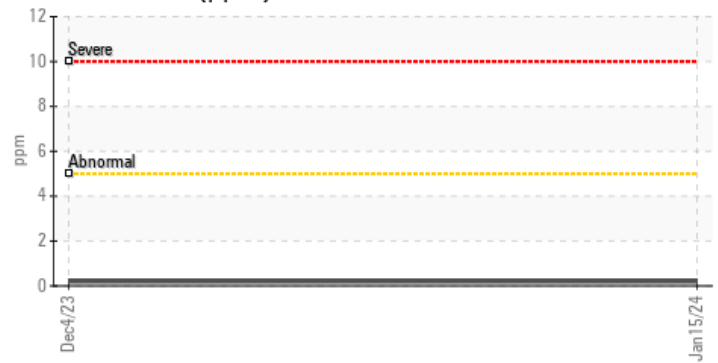
Lead (ppm)



Aluminum (ppm)



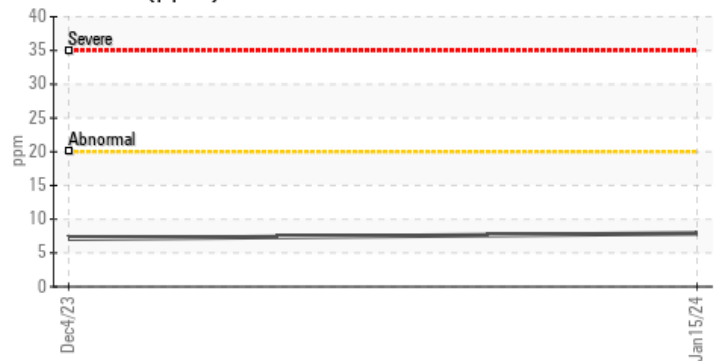
Chromium (ppm)



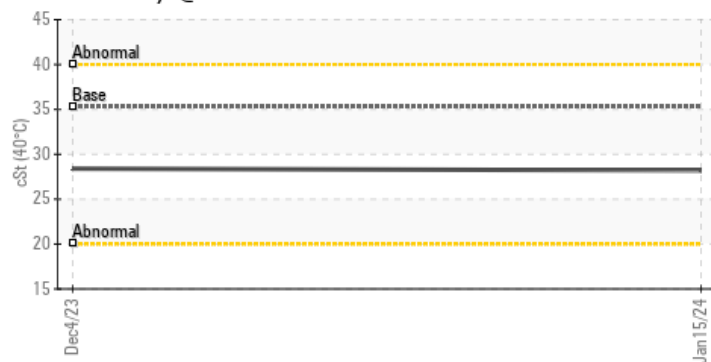
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

