



CONSTRUCTION EQUIPMENT

550601935 IAA VOLVO L90H 625921 - TRANSMISSION (AUTO)



Sample No: VCP446783
Oil Type: VOLVO AT 102
Job No: 550601935 IAA



SAMPLE INFORMATION

Sample Number	VCP446783	VCP340507	---	---
Sample Date	19 Mar 2024	05 Jan 2023	---	---
Machine Hours	4452	2195	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

VCES- VOLVO CONSTRUCTION EQUIPMENT

1944 MARINA BLVD
SAN LEANDRO, CA
US 94577

Contact: DAVE HILDEBRAND
david.hildebrand@vcesvolvo.com
T: (510)357-9131
F: (925)294-9240



OIL CONDITION

Visc @ 40°C	cSt	27.6	27.6	---	---
-------------	-----	------	------	-----	-----



CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	8	8	---	---
Sodium	ppm	2	5	---	---
Potassium	ppm	2	<1	---	---



WEAR METALS

Iron	ppm	73	112	---	---
Copper	ppm	7	10	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	2	1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	4	9	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	128	84	---	---
Magnesium	ppm	4	3	---	---
Zinc	ppm	44	30	---	---
Phosphorus	ppm	195	239	---	---
Barium	ppm	0	0	---	---
Boron	ppm	80	59	---	---

Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: VOLVO4487
Unique No: 10940931
Signed: Don Baldrige
Report Date: 26 Mar 2024

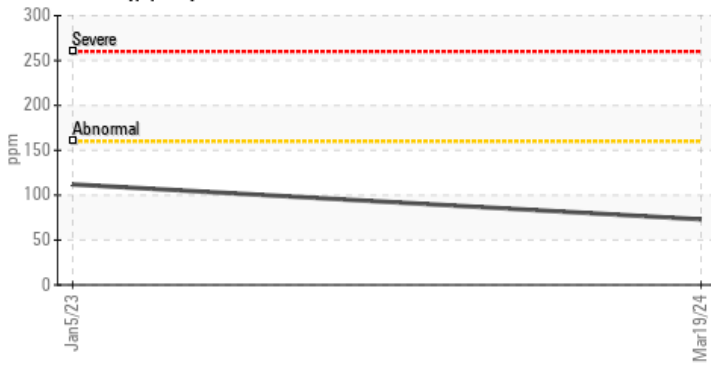


CONSTRUCTION EQUIPMENT

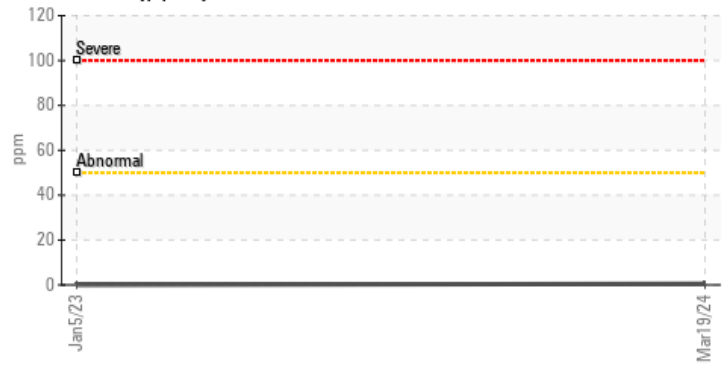


GRAPHS

Iron (ppm)



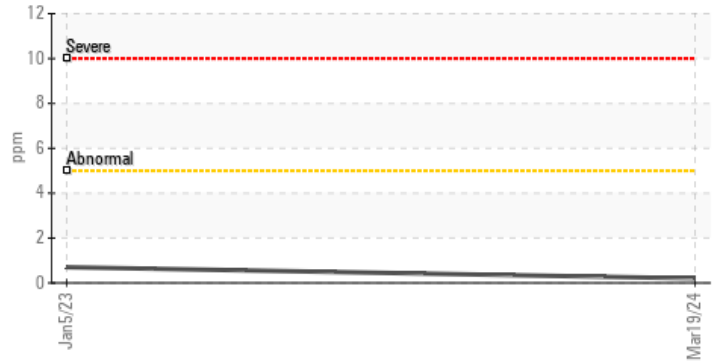
Lead (ppm)



Aluminum (ppm)



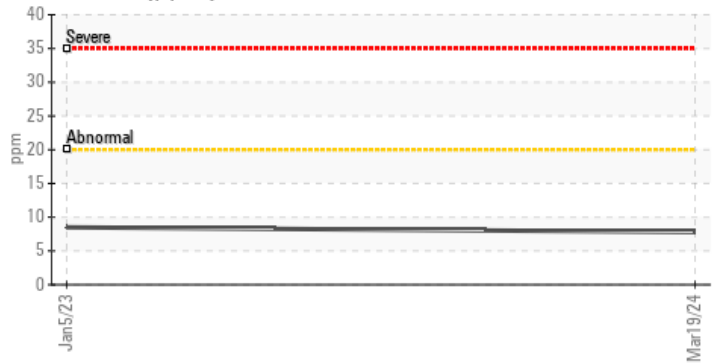
Chromium (ppm)



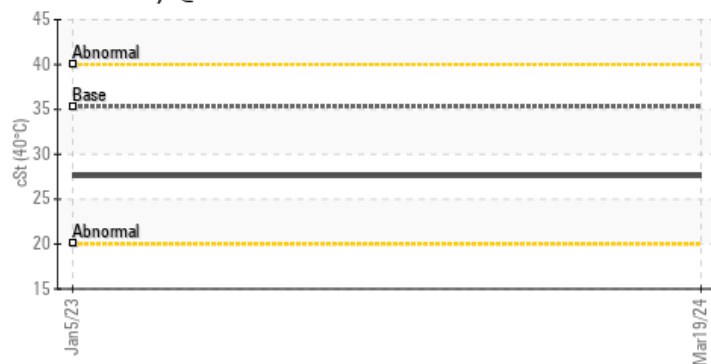
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

