



CONSTRUCTION EQUIPMENT

VOLVO L90H 624787 - TRANSMISSION (AUTO)



Sample No: VCP0007432

Oil Type: NOT GIVEN

Job No:



SAMPLE INFORMATION

Sample Number	VCP0007432	VCP0006200	VCP281878	---
Sample Date	12 Sep 2023	04 Jan 2023	26 May 2020	---
Machine Hours	1087	1087	1087	---
Oil Hours	1087	1087	1087	---
Oil Changed	N/A	N/A	Not Changd	---
Sample Status	NORMAL	ABNORMAL	NORMAL	---

ALTA EQUIPMENT COMPANY

8750 PHILIPS HWY
JACKSONVILLE, FL
US 32256

Contact: SHAWN NORTHCRAFT
shawn.northcraft@altg.com
T: (904)737-6000
F: (904)737-1260



OIL CONDITION

Visc @ 40°C	cSt	29.0	25.9	26.3	---
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CONTAMINATION

Silicon	ppm	11	13	12	---
Sodium	ppm	5	7	5	---
Potassium	ppm	<1	0	3	---



WEAR METALS

Iron	ppm	76	▲ 181	103	---
Copper	ppm	5	12	8	---
Lead	ppm	0	0	0	---
Tin	ppm	<1	0	0	---
Aluminum	ppm	2	3	1	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	0	<1	0	---
Nickel	ppm	<1	<1	2	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	7	11	11	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	76	103	128	---
Magnesium	ppm	2	1	3	---
Zinc	ppm	13	36	51	---
Phosphorus	ppm	199	164	185	---
Barium	ppm	1	0	4	---
Boron	ppm	84	36	55	---

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.

Depot: VOLVO0092
Unique No: 10647799
Signed: Don Baldrige
Report Date: 19 Sep 2023

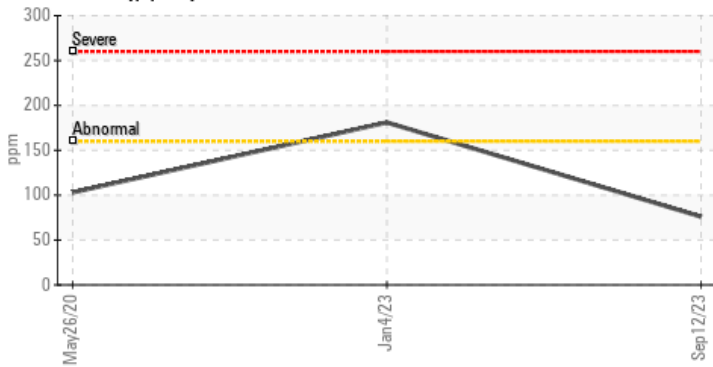


CONSTRUCTION EQUIPMENT

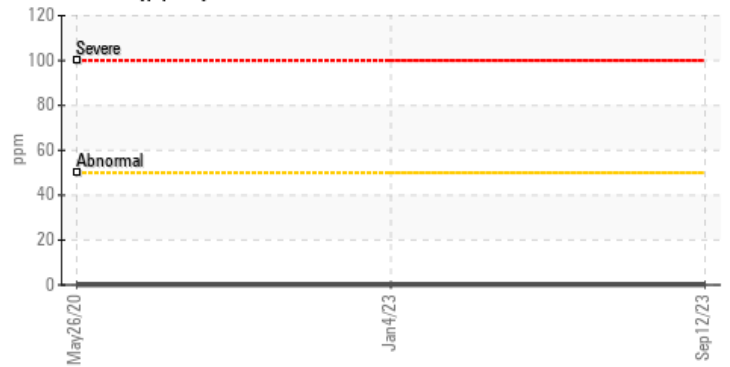


GRAPHS

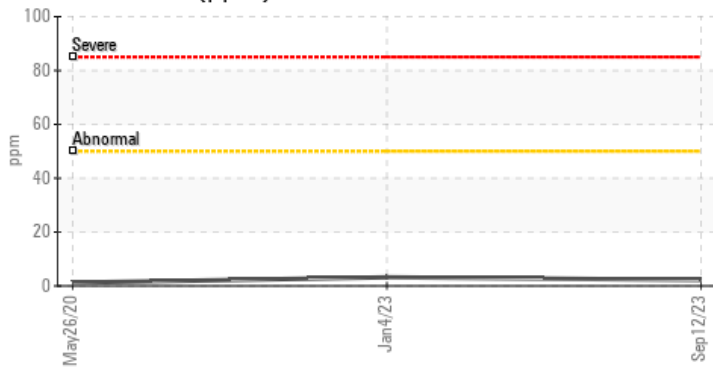
Iron (ppm)



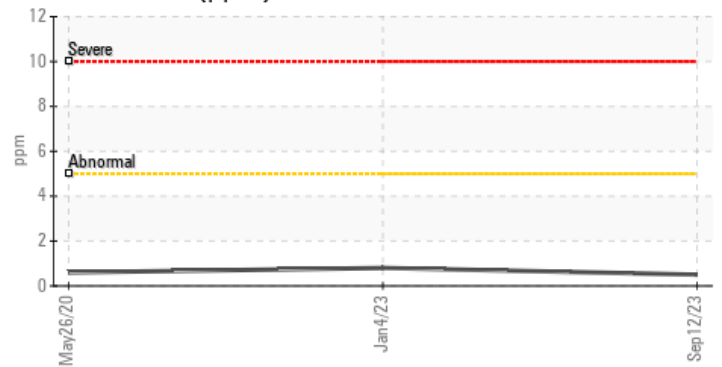
Lead (ppm)



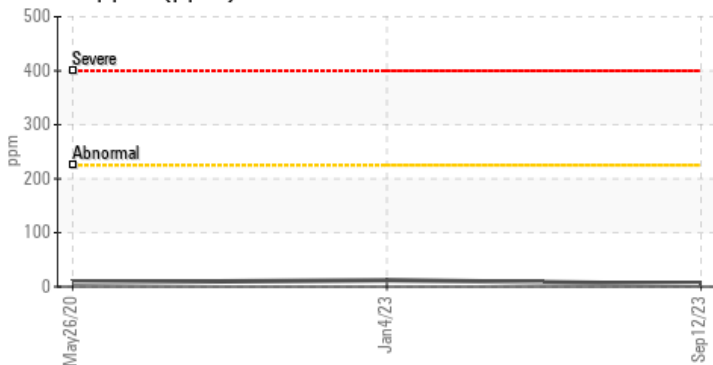
Aluminum (ppm)



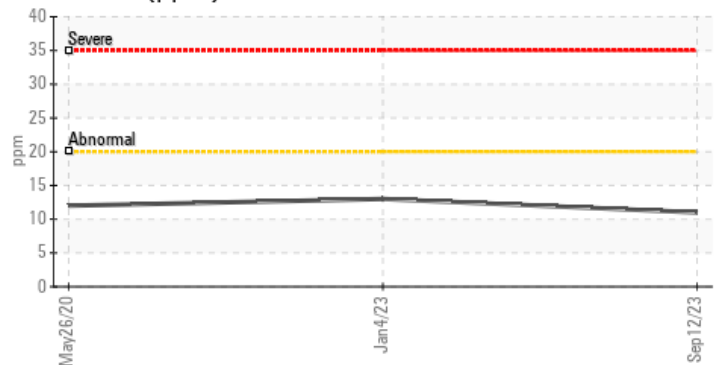
Chromium (ppm)



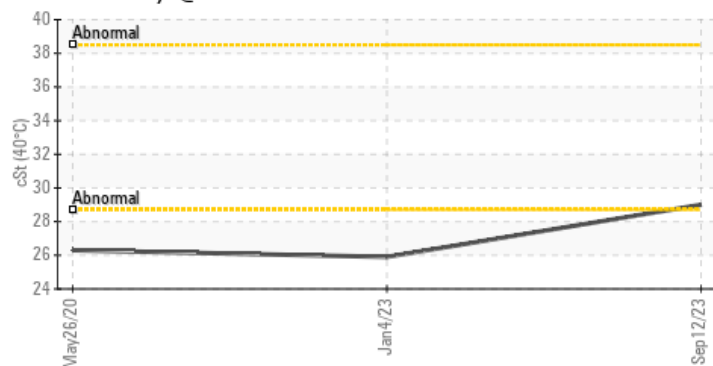
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

