



CONSTRUCTION EQUIPMENT

A12296 VOLVO A35G 340246 - TRANSMISSION (AUTO)



Sample No: VCP438202
Oil Type: VOLVO AT 102
Job No: A12296



SAMPLE INFORMATION

Sample Number	VCP438202	VCP429636	---	---
Sample Date	02 Apr 2024	07 Mar 2024	---	---
Machine Hours	17699	17500	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	N/A	---	---
Sample Status	NORMAL	ABNORMAL	---	---

HOFFMAN EQUIPMENT - LIONVILLE
 120 GORDON DRIVE
 LIONVILLE, PA
 US 19341
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OIL CONDITION

Visc @ 40°C	cSt	28.3	22.6	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	8	29	---	---
Sodium	ppm	0	2	---	---
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	49	46	---	---
Copper	ppm	6	6	---	---
Lead	ppm	0	0	---	---
Tin	ppm	<1	2	---	---
Aluminum	ppm	8	12	---	---
Chromium	ppm	<1	0	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	<1	1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	0	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	124	73	---	---
Magnesium	ppm	4	0	---	---
Zinc	ppm	13	0	---	---
Phosphorus	ppm	255	230	---	---
Barium	ppm	0	0	---	---
Boron	ppm	104	127	---	---

Depot: VOLVO8879
Unique No: 10981474
Signed: Wes Davis
Report Date: 18 Apr 2024



CONSTRUCTION EQUIPMENT

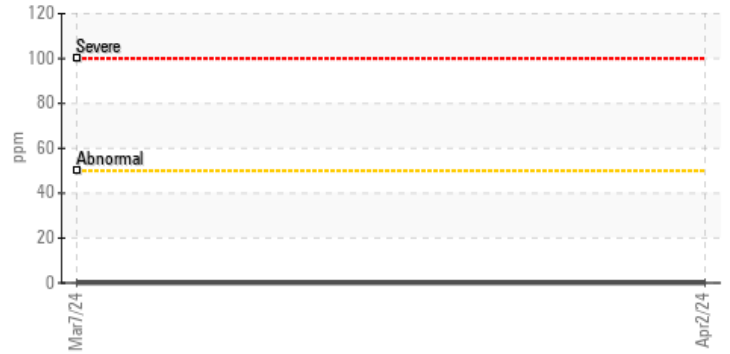


GRAPHS

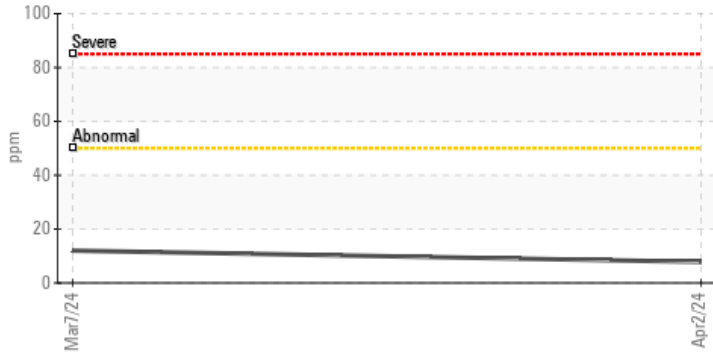
Iron (ppm)



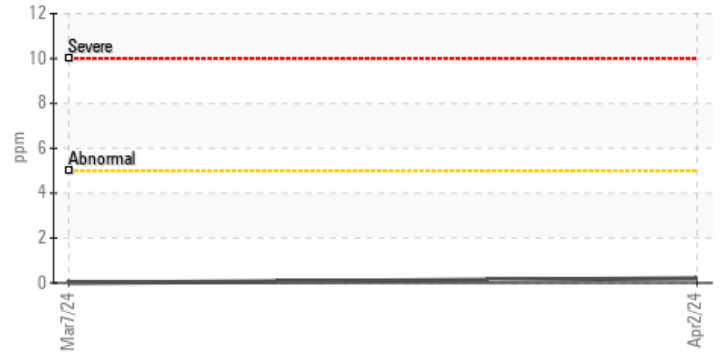
Lead (ppm)



Aluminum (ppm)



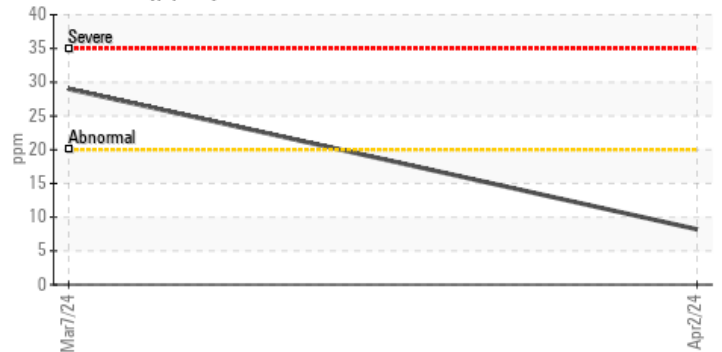
Chromium (ppm)



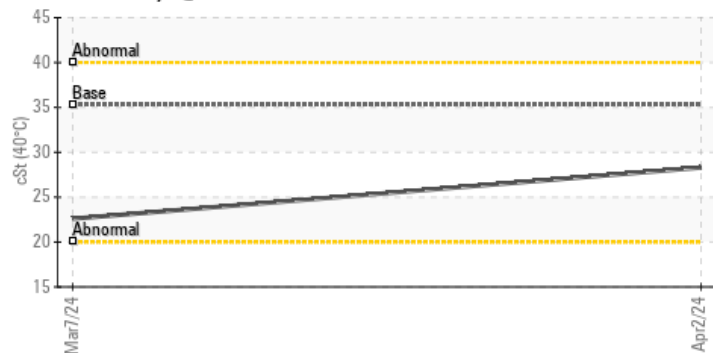
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

