



CONSTRUCTION EQUIPMENT

W07012289-1 VOLVO A40G 341458 - TRANSMISSION



Sample No: VCP399865
Oil Type: VOLVO AT 102
Job No: W07012289-1



SAMPLE INFORMATION

Sample Number	VCP399865	VCP250739	VCP213562	---
Sample Date	23 Feb 2023	26 Jun 2019	21 Dec 2017	---
Machine Hours	6947	3981	2002	---
Oil Hours	0	0	0	---
Oil Changed	N/A	Changed	Changed	---
Sample Status	ABNORMAL	NORMAL	NORMAL	---

McClung-Logan Virginia LLC- RICHMOND
 1345 MOUNTAIN ROAD
 GLEN ALLEN, VA
 US 23060
 Contact: KYLE RATLIFFE
 KRATLIFFE@MCCLUNG-LOGAN.COM
 T:
 F: (804)266-1611



OIL CONDITION

Visc @ 40°C	cSt	28.0	47.6	26.87	---
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CONTAMINATION

Silicon	ppm	3	4	18	---
Sodium	ppm	2	2	4	---
Potassium	ppm	<1	12	4	---



WEAR METALS

Iron	ppm	14	32	41	---
Copper	ppm	5	8	14	---
Lead	ppm	<1	<1	0	---
Tin	ppm	<1	3	2	---
Aluminum	ppm	6	10	11	---
Chromium	ppm	0	<1	<1	---
Molybdenum	ppm	<1	0	0	---
Nickel	ppm	<1	<1	1	---
Titanium	ppm	0	0	0	---
Silver	ppm	<1	0	0	---
Manganese	ppm	<1	<1	2	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	85	76	87	---
Magnesium	ppm	2	<1	2	---
Zinc	ppm	8	1	7	---
Phosphorus	ppm	198	129	160	---
Barium	ppm	<1	0	<1	---
Boron	ppm	109	60	58	---

Diagnosis

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: VOLVO8882
Unique No: 10351122
Signed: Angela Borella
Report Date: 27 Feb 2023

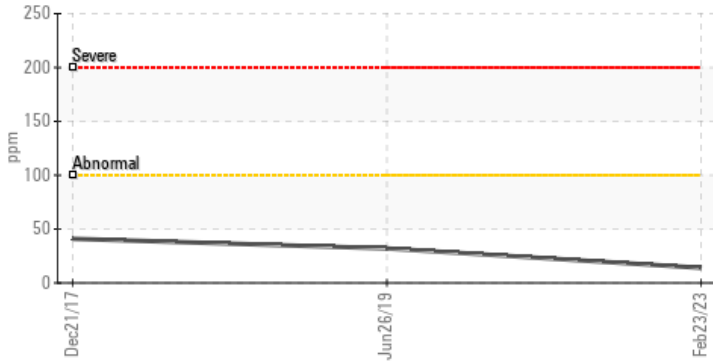


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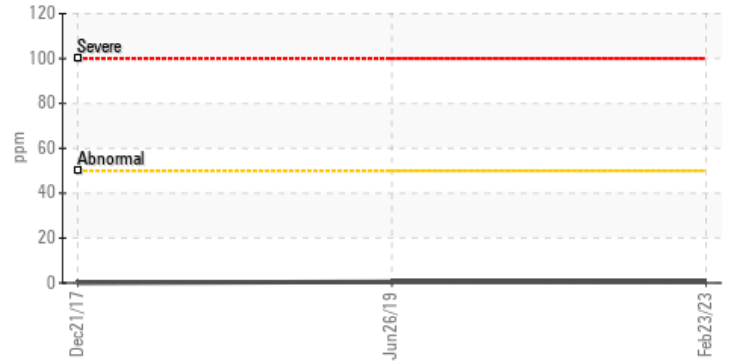


GRAPHS

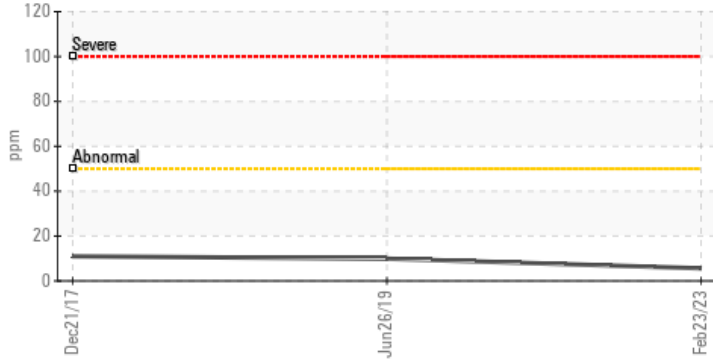
Iron (ppm)



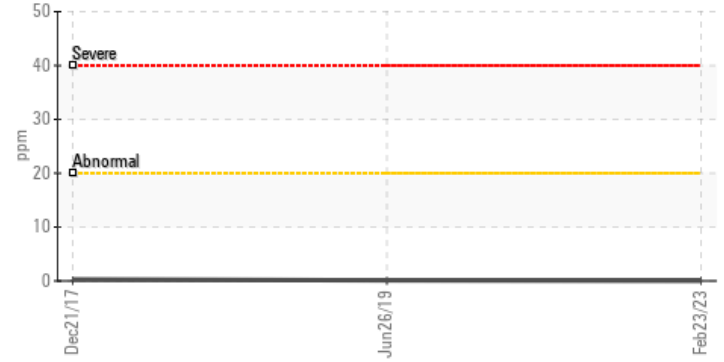
Lead (ppm)



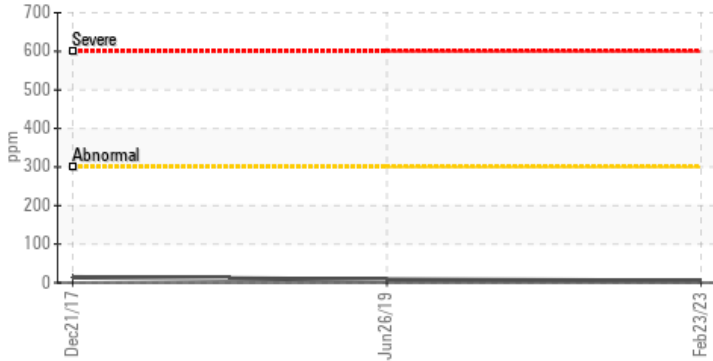
Aluminum (ppm)



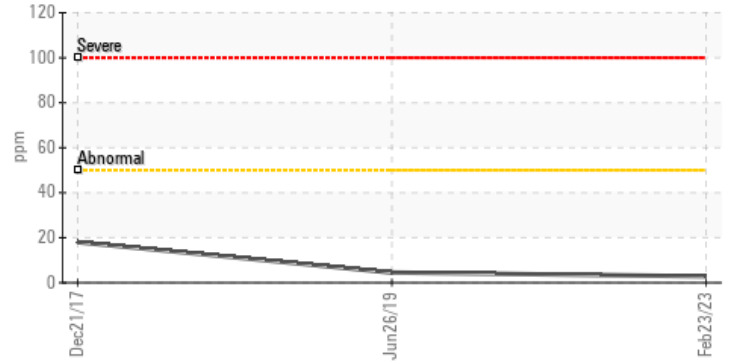
Chromium (ppm)



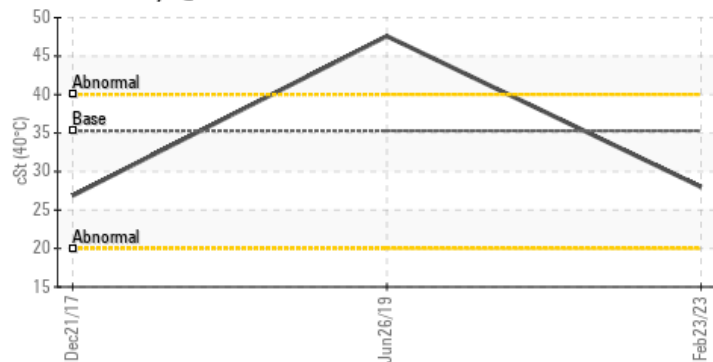
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

