



CONSTRUCTION EQUIPMENT

12683 CHESTERFIELD A VOLVO L90H 625 196 - TRANSMISSION (AUTO)



Sample No: VCP405379
Oil Type: VOLVO AT 102
Job No: 12683 CHESTERFIELD A



SAMPLE INFORMATION

Sample Number	VCP405379	VCP349740	---	---
Sample Date	02 Jun 2023	22 Apr 2022	---	---
Machine Hours	6175	4191	---	---
Oil Hours	2000	0	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

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	27.9	26.1	---	---
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CONTAMINATION

Silicon	ppm	19	7	---	---
Sodium	ppm	4	9	---	---
Potassium	ppm	2	0	---	---



WEAR METALS

Iron	ppm	156	271	---	---
Copper	ppm	19	44	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	83	8	---	---
Chromium	ppm	<1	0	---	---
Molybdenum	ppm	<1	0	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	4	7	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	84	112	---	---
Magnesium	ppm	3	2	---	---
Zinc	ppm	104	97	---	---
Phosphorus	ppm	207	199	---	---
Barium	ppm	2	0	---	---
Boron	ppm	43	22	---	---

Diagnosis

No corrective action is recommended at this time. We recommend an early resample to monitor this condition. The aluminum level is abnormal. All other 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: VOLVO8882
Unique No: 10505762
Signed: Don Baldrige
Report Date: 08 Jun 2023



CONSTRUCTION EQUIPMENT



GRAPHS

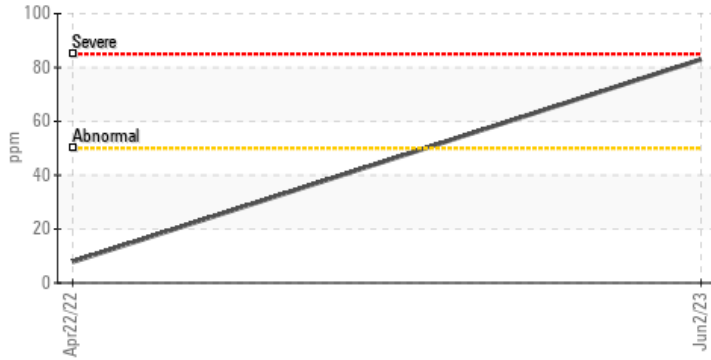
Iron (ppm)



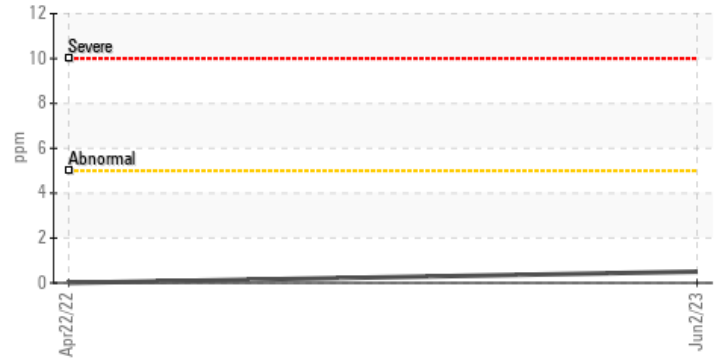
Lead (ppm)



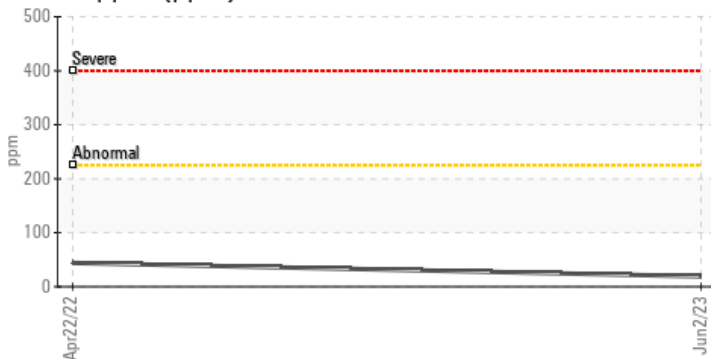
Aluminum (ppm)



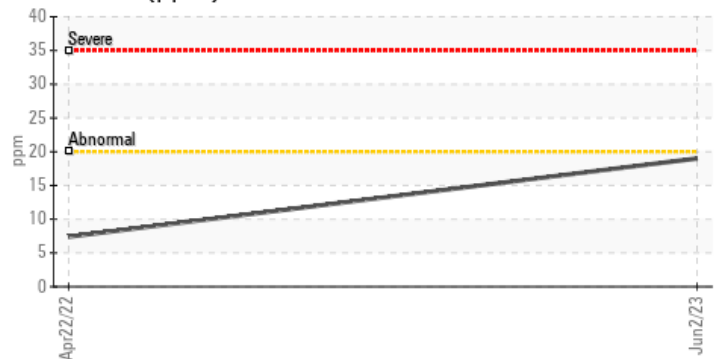
Chromium (ppm)



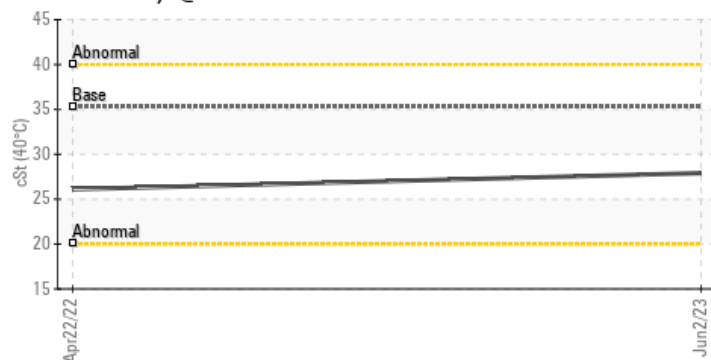
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

