



CONSTRUCTION EQUIPMENT

53357 LB3 VOLVO A45G 342 190 - TRANSMISSION (AUTO)



Sample No: VCP441594
Oil Type: DEXRON III
Job No: 53357 LB3



SAMPLE INFORMATION

Sample Number	VCP441594	---	---	---
Sample Date	10 Apr 2024	---	---	---
Machine Hours	7321	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

VCES- VOLVO CONSTRUCTION EQUIPMENT
22099 KNABE ROAD
CORONA, CA
US 92883
Contact: OSCAR DEL CAMPO
oscar.delcampo@vcesvolvo.com
T: (951)277-7620
F: (951)277-4550



OIL CONDITION

Visc @ 40°C	cSt	█ 34.3	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 9	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 4	---	---	---



WEAR METALS

Iron	ppm	█ 76	---	---	---
Copper	ppm	█ 45	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ 7	---	---	---
Aluminum	ppm	█ 29	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 1	---	---	---
Nickel	ppm	█ 4	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	█ 3	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 91	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 7	---	---	---
Phosphorus	ppm	█ 184	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 67	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. The wear metal levels do not reflect the reported failure to go into gear. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: VOLVO4486
Unique No: 10982502
Signed: Doug Bogart
Report Date: 19 Apr 2024



CONSTRUCTION EQUIPMENT

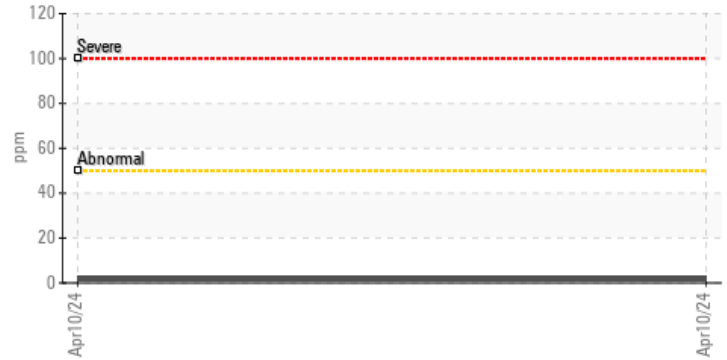


GRAPHS

Iron (ppm)



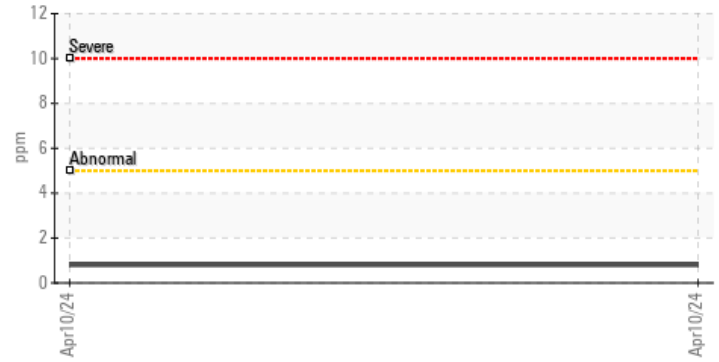
Lead (ppm)



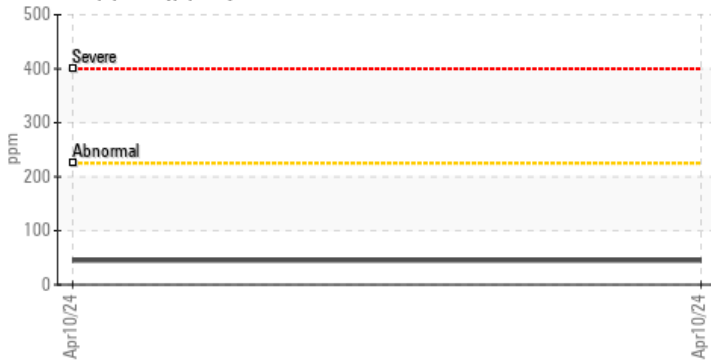
Aluminum (ppm)



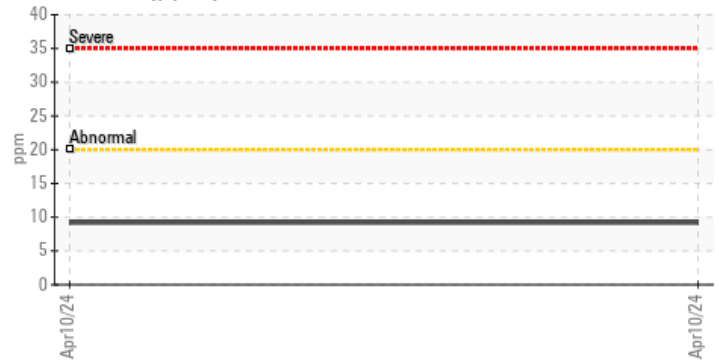
Chromium (ppm)



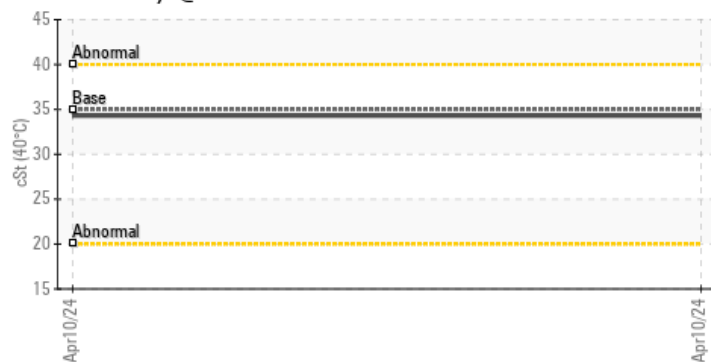
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

