



CONSTRUCTION EQUIPMENT

VOLVO L70H 622842 - TRANSMISSION (AUTO)



Sample No: VCP446854
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No:



SAMPLE INFORMATION

Sample Number	VCP446854	---	---	---
Sample Date	08 May 2024	---	---	---
Machine Hours	10449	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

VCES - VOLVO CONSTRUCTION EQUIPMENT & SERVICES
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 FRESNO, CA
 US 93724
 Contact: Greg Ferris
 greg.ferris@vcesvolvo.com
 T:
 F: (559)834-4425



OIL CONDITION

Visc @ 40°C	cSt	█ 30.2	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 5	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 3	---	---	---



WEAR METALS

Iron	ppm	█ 28	---	---	---
Copper	ppm	█ 14	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 1	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 2	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 154	---	---	---
Magnesium	ppm	█ 4	---	---	---
Zinc	ppm	█ 77	---	---	---
Phosphorus	ppm	█ 214	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 77	---	---	---

Diagnosis

Resample at the next service interval to monitor. Tests do not reveal cause for reported problem. 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: VOLVO4613
Unique No: 11019254
Signed: Don Baldrige
Report Date: 11 May 2024



CONSTRUCTION EQUIPMENT

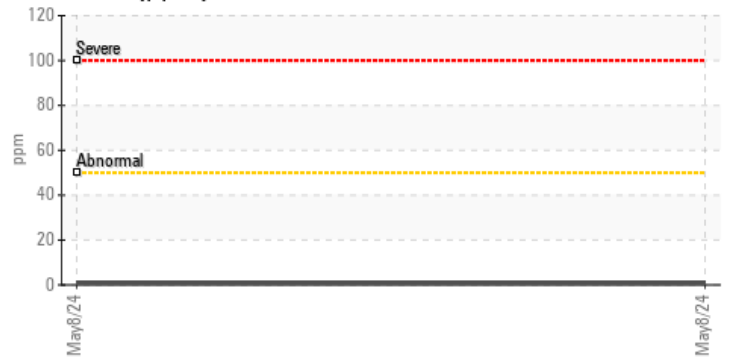


GRAPHS

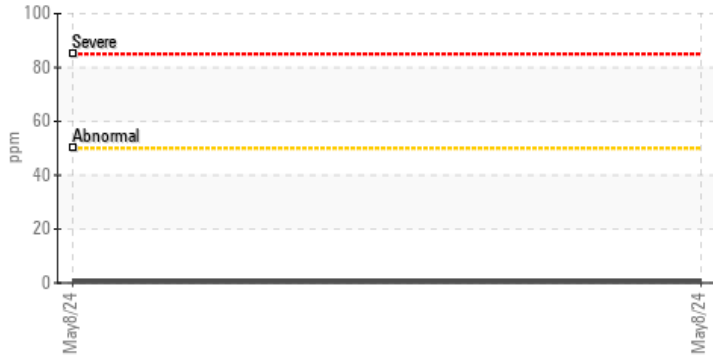
Iron (ppm)



Lead (ppm)



Aluminum (ppm)



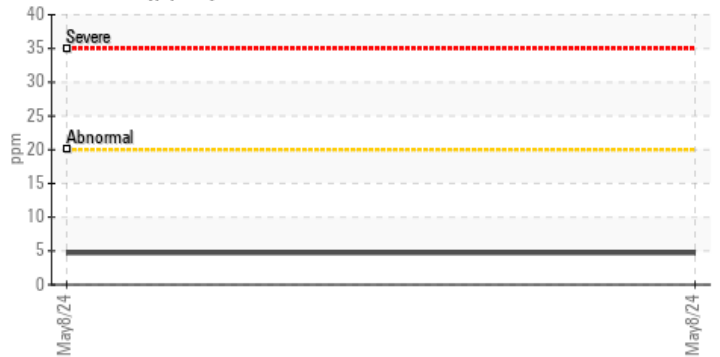
Chromium (ppm)



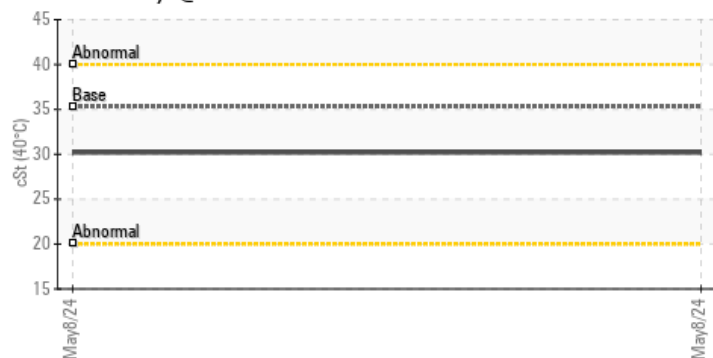
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

