



CONSTRUCTION EQUIPMENT

CEDAR RIDGE VOLVO L70H 624271 - TRANSMISSION



Sample No: VCP406238
Oil Type: {unknown}
Job No: CEDAR RIDGE



SAMPLE INFORMATION

Sample Number	VCP406238	---	---	---
Sample Date	18 Jan 2024	---	---	---
Machine Hours	5820	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 28.2	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 13	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 2	---	---	---



WEAR METALS

Iron	ppm	█ 98	---	---	---
Copper	ppm	▲ 152	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	1	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	5	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	254	---	---	---
Magnesium	ppm	5	---	---	---
Zinc	ppm	90	---	---	---
Phosphorus	ppm	299	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	79	---	---	---

Diagnosis

We recommend you service the filters on this component. Resample at the next service interval to monitor. Clutch and/or bushing/bearing wear is indicated. Moderate concentration of visible dirt/debris present in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: VOLVO1835
Unique No: 10859984
Signed: Don Baldrige
Report Date: 05 Feb 2024



CONSTRUCTION EQUIPMENT

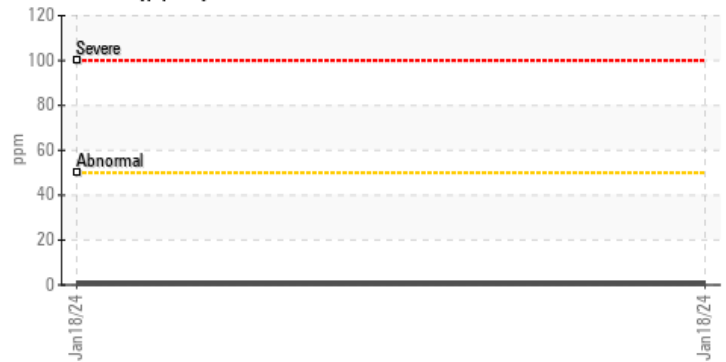


GRAPHS

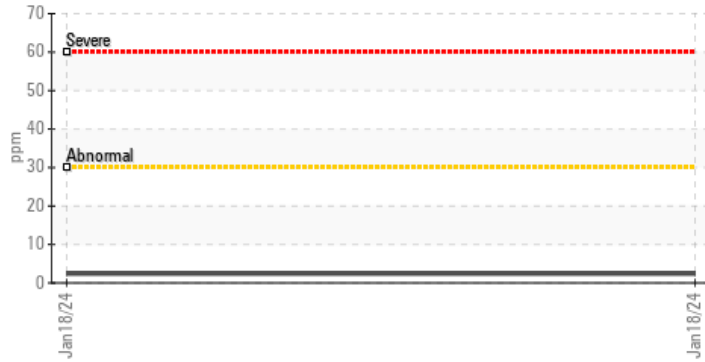
Iron (ppm)



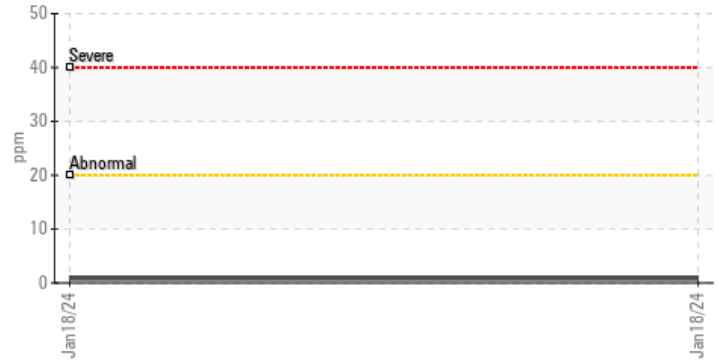
Lead (ppm)



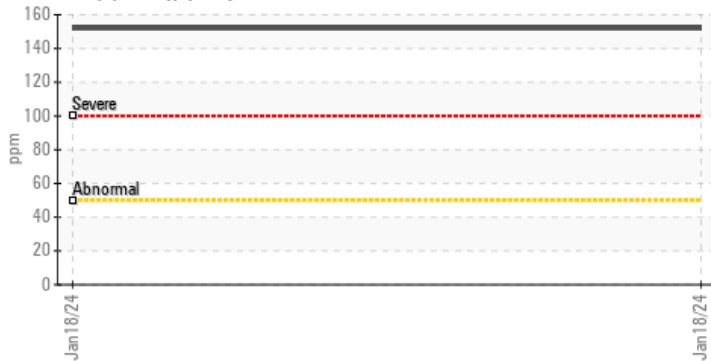
Aluminum (ppm)



Chromium (ppm)



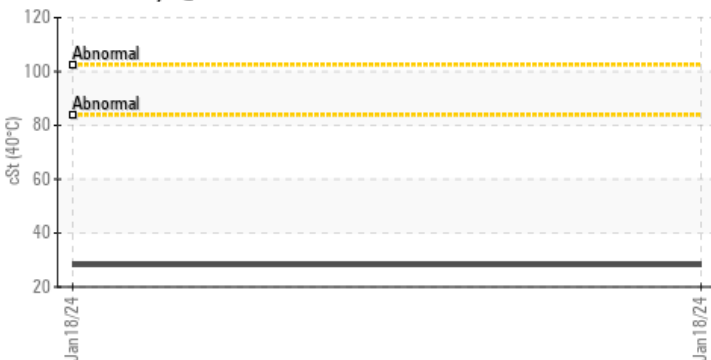
▲ Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

