



CONSTRUCTION EQUIPMENT

702733 RITCHIE VOLVO L90H 627965 - FRONT AXLE



Sample No: VCP449787
Oil Type: TRANSAXLE OIL SAE 75W80
Job No: 702733 RITCHIE



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SAMPLE INFORMATION

Sample Number	VCP449787	---	---	---
Sample Date	23 Apr 2024	---	---	---
Machine Hours	697	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 40.8	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 17	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 3	---	---	---



WEAR METALS

Iron	ppm	█ 42	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 8	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 8	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 3997	---	---	---
Magnesium	ppm	█ 11	---	---	---
Zinc	ppm	█ 1598	---	---	---
Phosphorus	ppm	█ 1342	---	---	---
Barium	ppm	█ 2	---	---	---
Boron	ppm	█ 154	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO0096
Unique No: 11002500
Signed: Sean Felton
Report Date: 30 Apr 2024

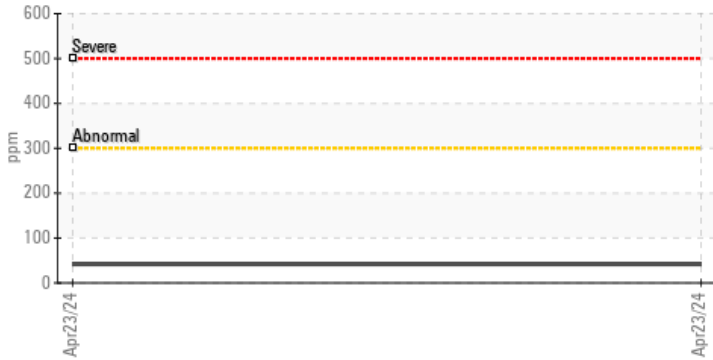


CONSTRUCTION EQUIPMENT



GRAPHS

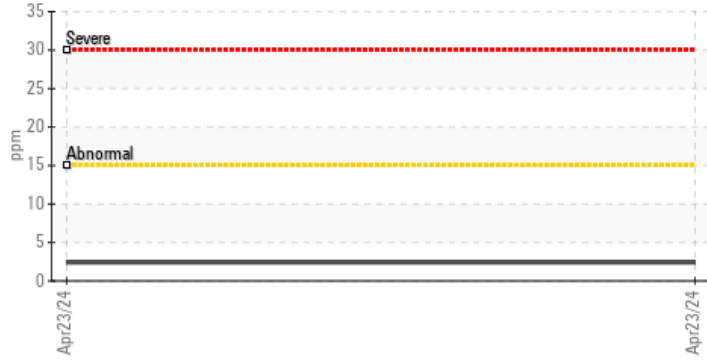
Iron (ppm)



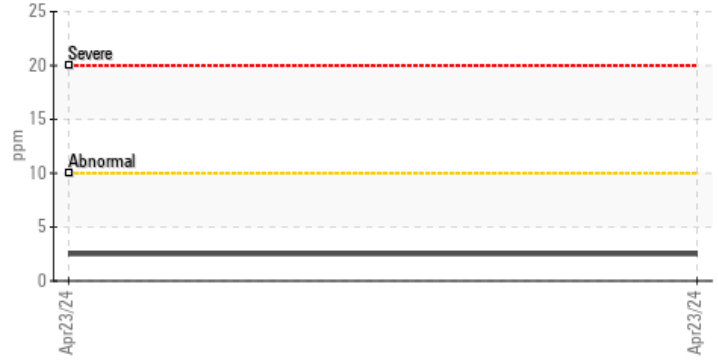
Lead (ppm)



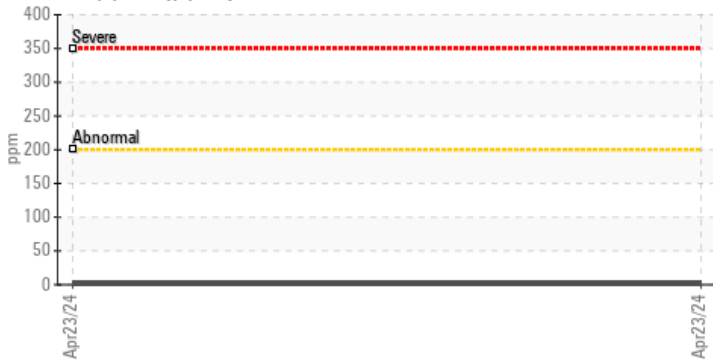
Aluminum (ppm)



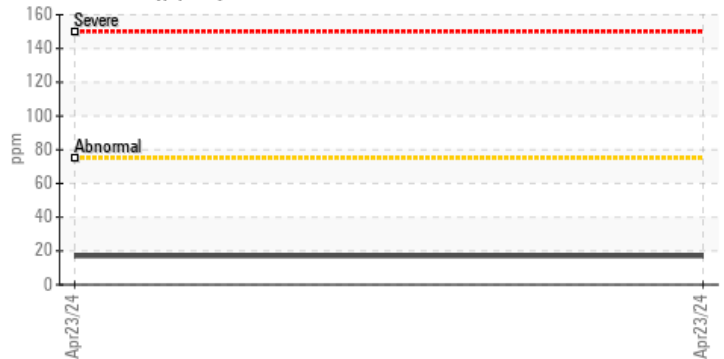
Chromium (ppm)



Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

