



CONSTRUCTION EQUIPMENT

688263 R ROTH VOLVO L90H 626374 - FRONT AXLE



Sample No: VCP455123
Oil Type: VOLVO WB 102
Job No: 688263 R ROTH



SAMPLE INFORMATION

Sample Number	VCP455123	---	---	---
Sample Date	19 Mar 2024	---	---	---
Machine Hours	1217	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 40.2	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 17	---	---	---
Sodium	ppm	█ 6	---	---	---
Potassium	ppm	█ 3	---	---	---

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.



WEAR METALS

Iron	ppm	█ 36	---	---	---
Copper	ppm	█ 32	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ 1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 4	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	█ 4	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 3838	---	---	---
Magnesium	ppm	█ 9	---	---	---
Zinc	ppm	█ 1579	---	---	---
Phosphorus	ppm	█ 1266	---	---	---
Barium	ppm	█ 1	---	---	---
Boron	ppm	█ 128	---	---	---

Depot: VOLVO0093
Unique No: 10941424
Signed: Wes Davis
Report Date: 26 Mar 2024

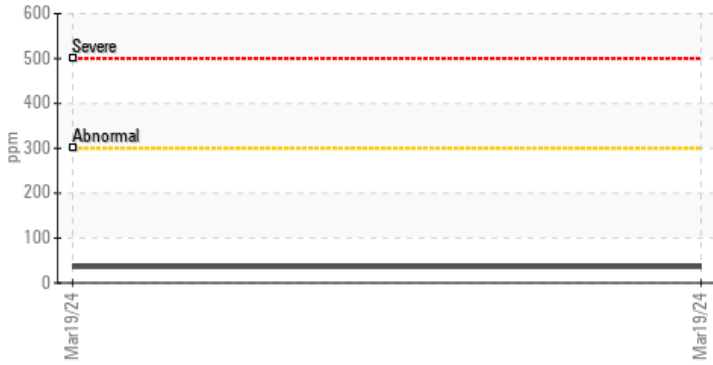


CONSTRUCTION EQUIPMENT

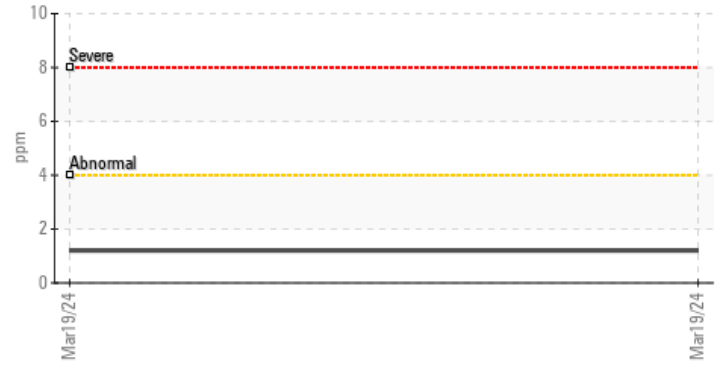


GRAPHS

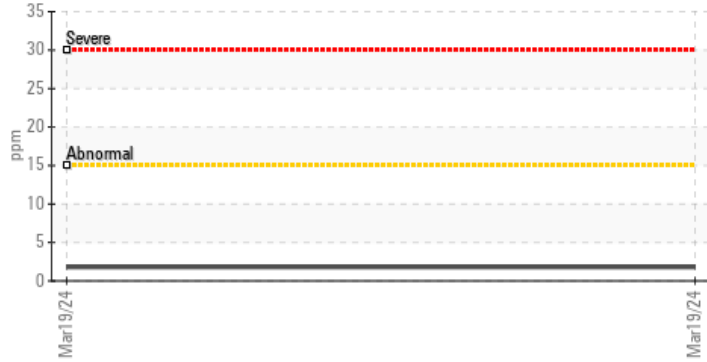
Iron (ppm)



Lead (ppm)



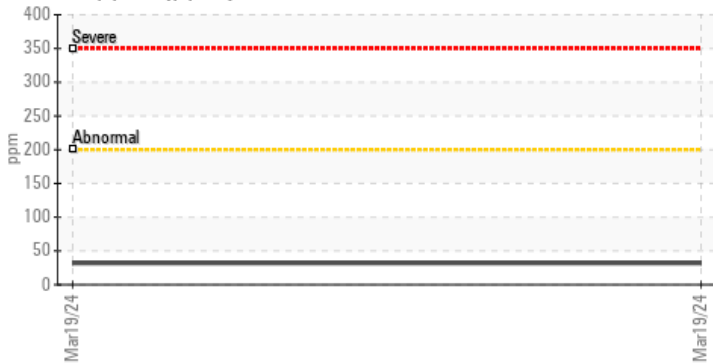
Aluminum (ppm)



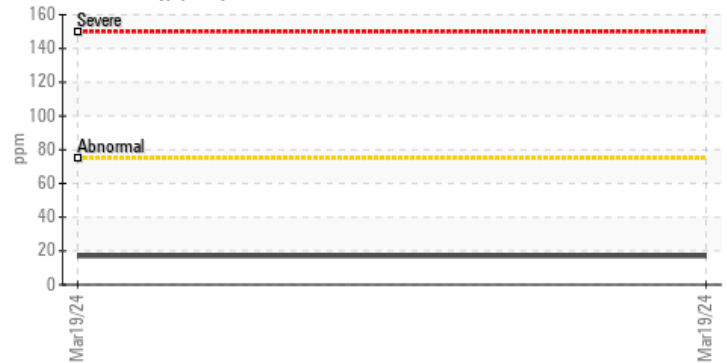
Chromium (ppm)



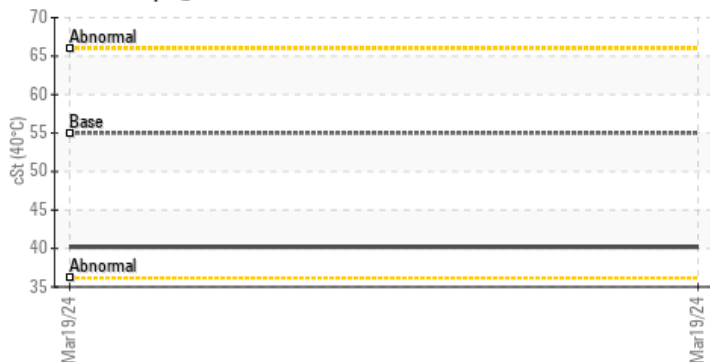
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

