



CONSTRUCTION EQUIPMENT

S50402484 VOLVO L90H 626006 - FRONT AXLE



Sample No: VCP438500
Oil Type: VOLVO WB 102
Job No: S50402484



SAMPLE INFORMATION

Sample Number	VCP438500	---	---	---
Sample Date	12 Jan 2024	---	---	---
Machine Hours	2000	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

VCES- VOLVO CONSTRUCTION EQUIPMENT
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OIL CONDITION

Visc @ 40°C	cSt	█ 43.6	---	---	---
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CONTAMINATION

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

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	█ 46	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 3946	---	---	---
Magnesium	ppm	█ 14	---	---	---
Zinc	ppm	█ 1642	---	---	---
Phosphorus	ppm	█ 1367	---	---	---
Barium	ppm	█ 7	---	---	---
Boron	ppm	█ 142	---	---	---

Depot: VOLVO4486
Unique No: 10859955
Signed: Wes Davis
Report Date: 02 Feb 2024



CONSTRUCTION EQUIPMENT



GRAPHS

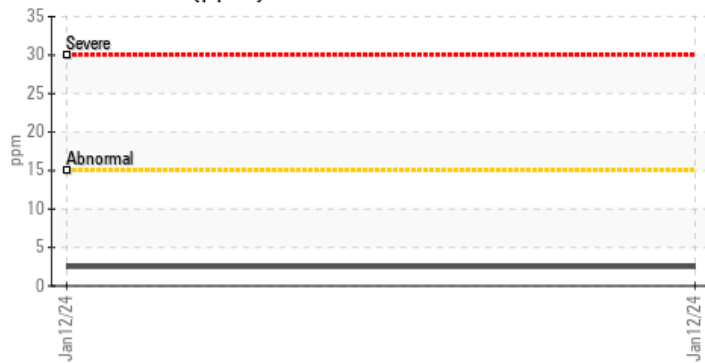
Iron (ppm)



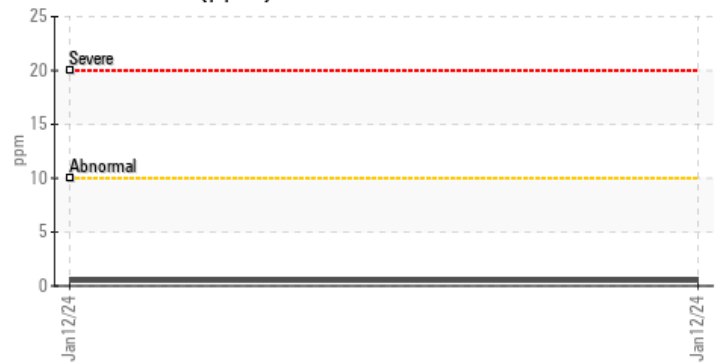
Lead (ppm)



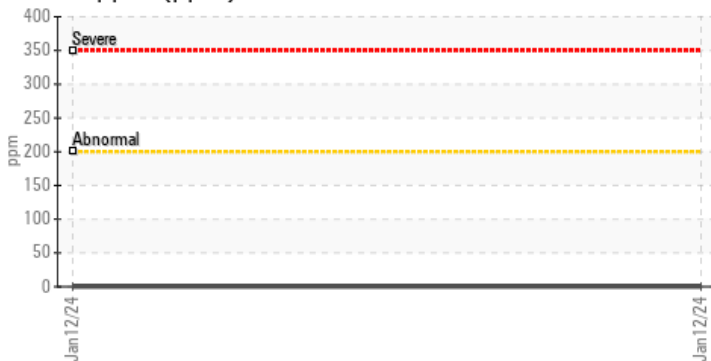
Aluminum (ppm)



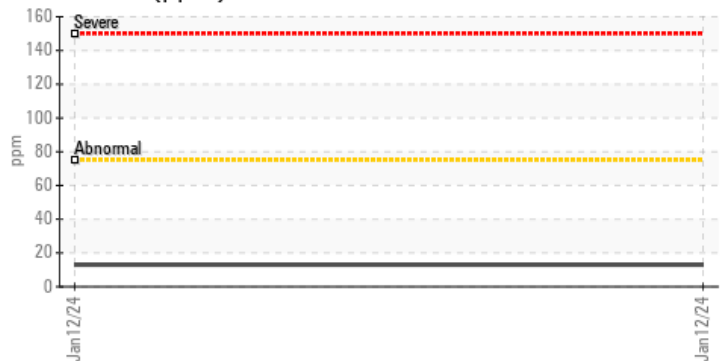
Chromium (ppm)



Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

