



CONSTRUCTION EQUIPMENT

473409 TITAN VOLVO L90H 626595 - FRONT AXLE



Sample No: VCP439301
Oil Type: VOLVO WB 102
Job No: 473409 TITAN



SAMPLE INFORMATION

Sample Number	VCP439301	---	---	---
Sample Date	01 Feb 2024	---	---	---
Machine Hours	807	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 40.7	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 21	---	---	---
Sodium	ppm	█ 5	---	---	---
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	█ 63	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 3	---	---	---
Molybdenum	ppm	█ 17	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 13	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 4094	---	---	---
Magnesium	ppm	█ 12	---	---	---
Zinc	ppm	█ 1752	---	---	---
Phosphorus	ppm	█ 1420	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 145	---	---	---

Depot: VOLVO0096
Unique No: 10872547
Signed: Wes Davis
Report Date: 11 Feb 2024



CONSTRUCTION EQUIPMENT



GRAPHS

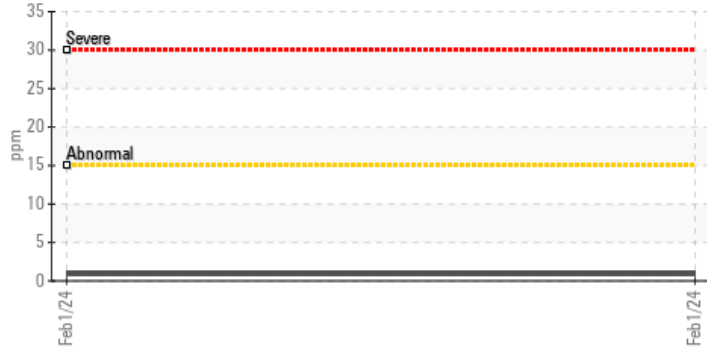
Iron (ppm)



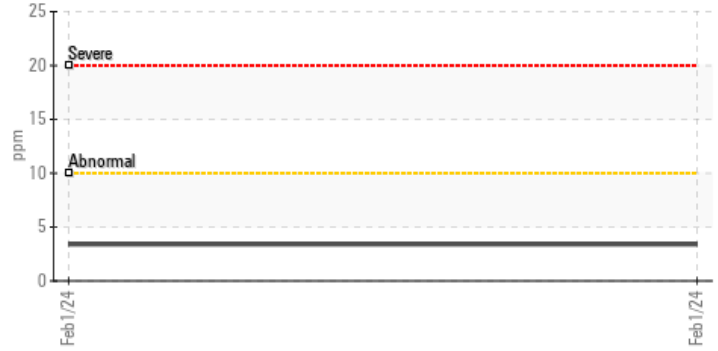
Lead (ppm)



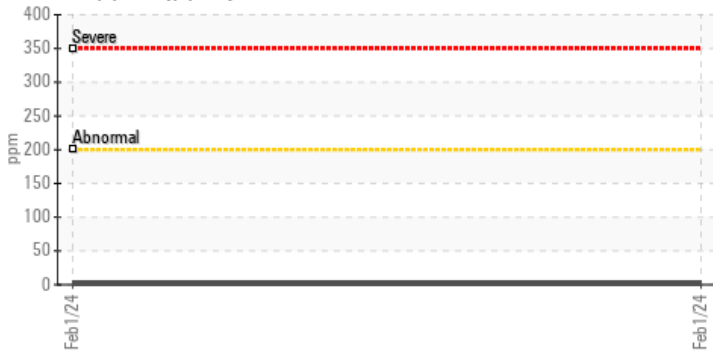
Aluminum (ppm)



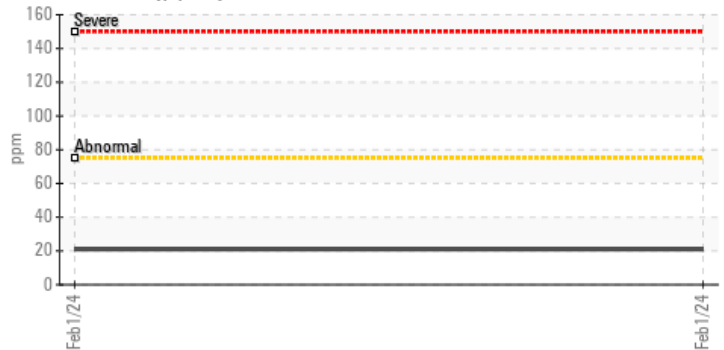
Chromium (ppm)



Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

