



CONSTRUCTION EQUIPMENT

A12151 IAA VOLVO L90H 626688 - FRONT AXLE



Sample No: VCP440229
Oil Type: MOBIL WB 102
Job No: A12151 IAA



SAMPLE INFORMATION

Sample Number	VCP440229	---	---	---
Sample Date	22 Feb 2024	---	---	---
Machine Hours	1155	---	---	---
Oil Hours	1155	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

HOFFMAN EQUIPMENT - LIONVILLE
120 GORDON DRIVE
LIONVILLE, PA
US 19341
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OIL CONDITION

Visc @ 40°C	cSt	█41.4	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█19	---	---	---
Sodium	ppm	█4	---	---	---
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	█42	---	---	---
Copper	ppm	█3	---	---	---
Lead	ppm	█0	---	---	---
Tin	ppm	█0	---	---	---
Aluminum	ppm	█1	---	---	---
Chromium	ppm	█2	---	---	---
Molybdenum	ppm	6	---	---	---
Nickel	ppm	█<1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	4	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	4311	---	---	---
Magnesium	ppm	15	---	---	---
Zinc	ppm	1803	---	---	---
Phosphorus	ppm	1285	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	135	---	---	---

Depot: VOLVO8879
Unique No: 10901586
Signed: Wes Davis
Report Date: 01 Mar 2024



CONSTRUCTION EQUIPMENT



GRAPHS

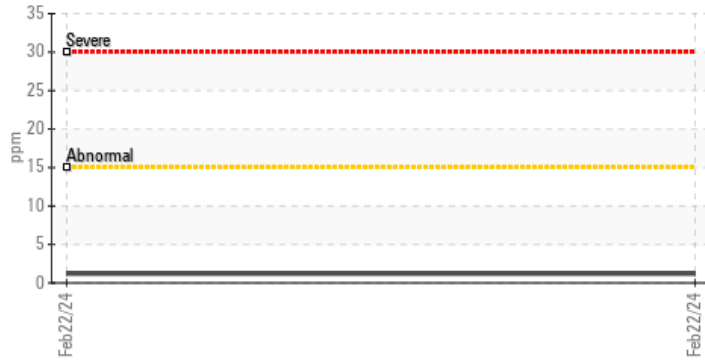
Iron (ppm)



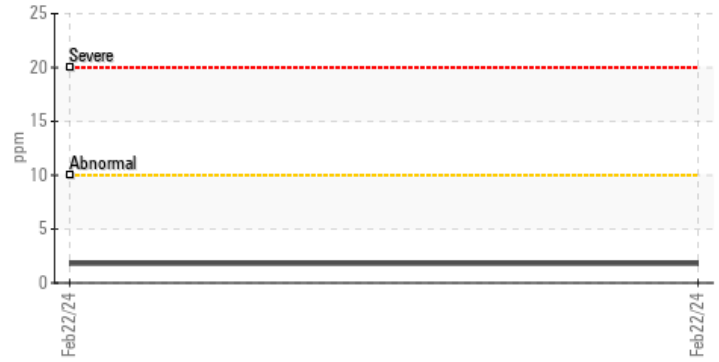
Lead (ppm)



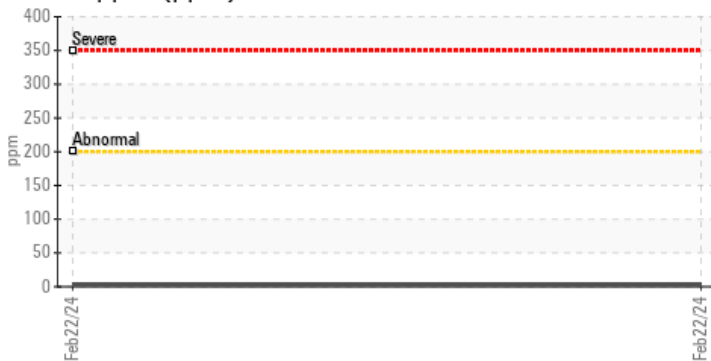
Aluminum (ppm)



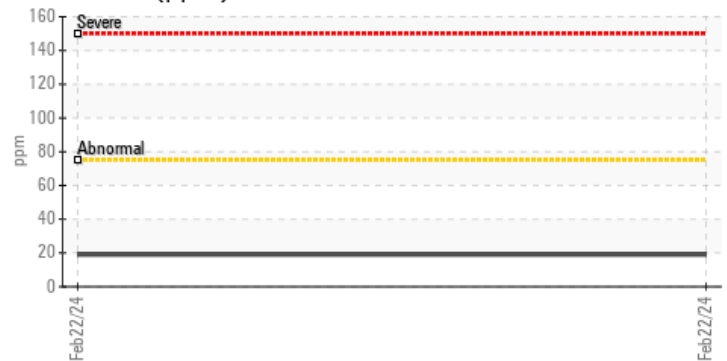
Chromium (ppm)



Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

