



CONSTRUCTION EQUIPMENT

X11168 OLD CASTLE VOLVO L90H 626890 - FRONT AXLE



Sample No: VCP439712
Oil Type: VOLVO WB 101
Job No: X11168 OLD CASTLE



SAMPLE INFORMATION

Sample Number	VCP439712	---	---	---
Sample Date	09 Feb 2024	---	---	---
Machine Hours	1013	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

SCOTT EQUIPMENT COMPANY LLC - Texarkana
5401 SANDERSON LANE
TEXARKANA, AR
US 71854
Contact: JAMES DOSS
jdoss@scottcompanies.com
T:
F:



OIL CONDITION

Visc @ 40°C	cSt	█ 42.3	---	---	---
-------------	-----	--------	-----	-----	-----



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 18	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 3	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	█ 87	---	---	---
Copper	ppm	█ 3	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 4	---	---	---
Molybdenum	ppm	█ 16	---	---	---
Nickel	ppm	█ 2	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	█ 14	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 3707	---	---	---
Magnesium	ppm	█ 11	---	---	---
Zinc	ppm	█ 1511	---	---	---
Phosphorus	ppm	█ 1317	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 127	---	---	---

Depot: VOLVO1034
Unique No: 10883382
Signed: Don Baldrige
Report Date: 19 Feb 2024

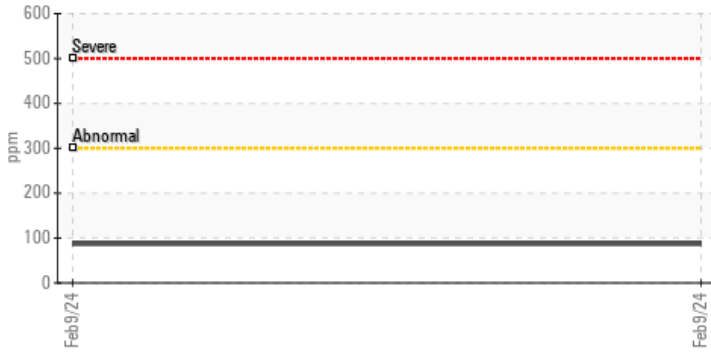


CONSTRUCTION EQUIPMENT



GRAPHS

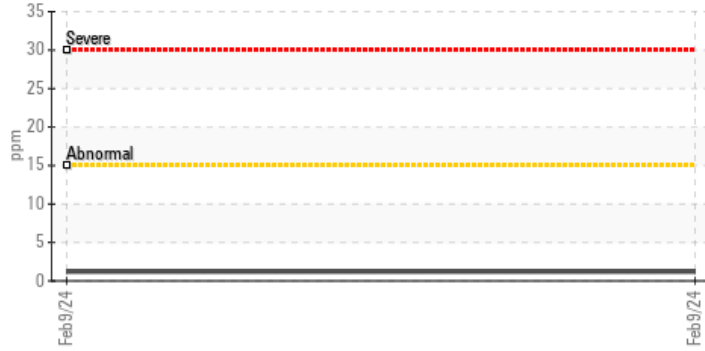
Iron (ppm)



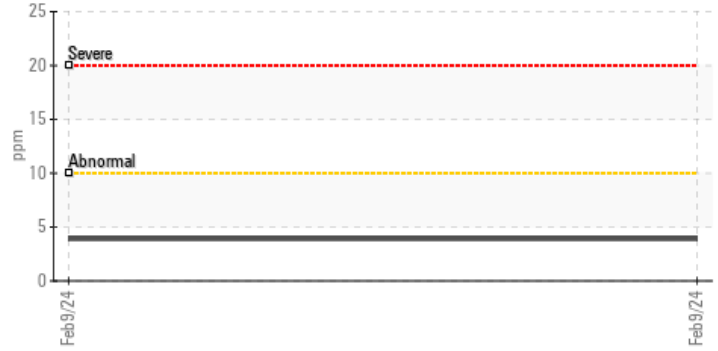
Lead (ppm)



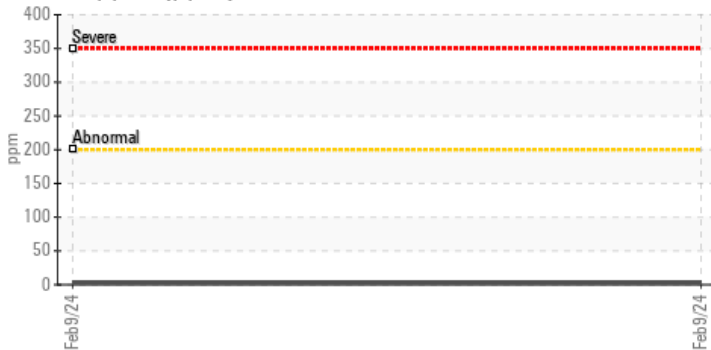
Aluminum (ppm)



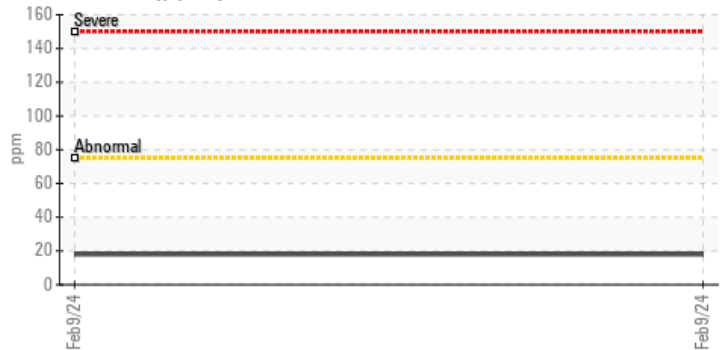
Chromium (ppm)



Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

