



CONSTRUCTION EQUIPMENT

A67620 BELL B30E 021087335 - FRONT AXLE



Sample No: VCP307667
Oil Type: VOLVO WB 102
Job No: A67620



SAMPLE INFORMATION

Sample Number	VCP307667	---	---	---
Sample Date	05 Dec 2023	---	---	---
Machine Hours	2731	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

CHADWICK-BAROSS INC MAIN
PO BOX 4500
WESTBROOK, ME
US 04098
Contact: BRENT MATCHETT
matchett@chadwick-baross.com
T:
F: (207)856-2995



OIL CONDITION

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

Water	%	NEG	---	---	---
Silicon	ppm	█ 7	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 6	---	---	---

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	43	---	---	---
Copper	ppm	█ 7	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 1462	---	---	---
Magnesium	ppm	█ 19	---	---	---
Zinc	ppm	█ 770	---	---	---
Phosphorus	ppm	█ 589	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 52	---	---	---

Depot: VOLVO0006
Unique No: 10793411
Signed: Jonathan Hester
Report Date: 20 Dec 2023

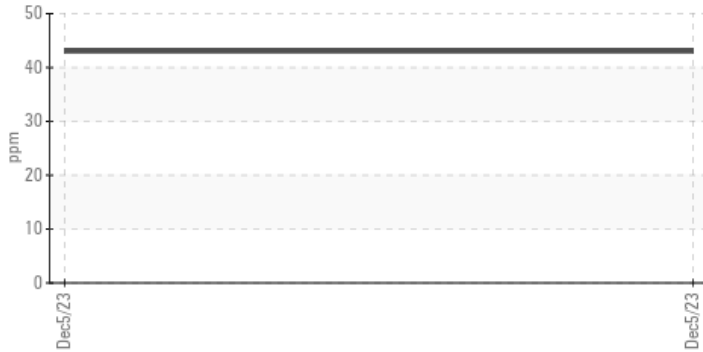


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GRAPHS

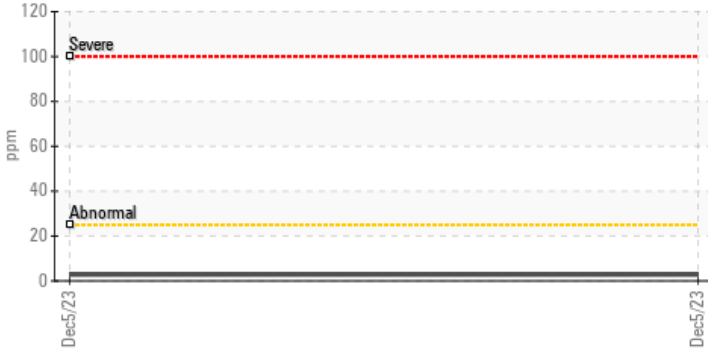
Iron (ppm)



Lead (ppm)



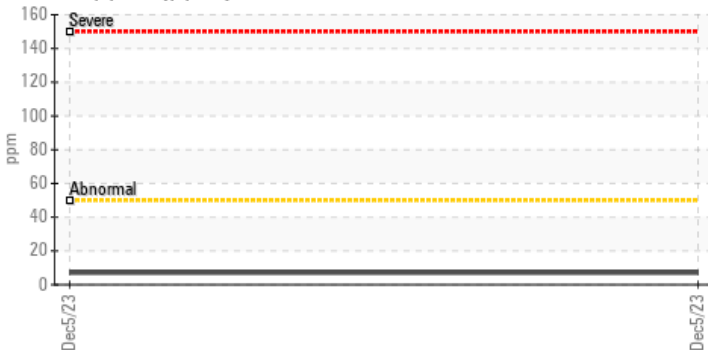
Aluminum (ppm)



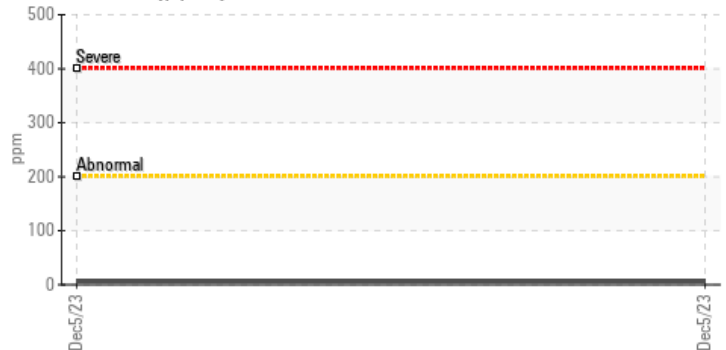
Chromium (ppm)



Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

