



CONSTRUCTION EQUIPMENT

E14905 VOLVO L90H 626247 - FRONT AXLE



Sample No: VCP388148
Oil Type: VOLVO WB 102
Job No: E14905



SAMPLE INFORMATION

Sample Number	VCP388148	VCP375561	---	---
Sample Date	21 Jun 2023	16 Dec 2022	---	---
Machine Hours	4143	2283	---	---
Oil Hours	2000	2283	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

COLUMBIA FOREST

395 MISSILE ST
PRESQUE ISLE, ME
US 04769
Contact: GARY



OIL CONDITION

Visc @ 40°C	cSt	42.6	40.3	---	---
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T: (207)764-9428
F:



CONTAMINATION

Silicon	ppm	16	24	---	---
Sodium	ppm	2	7	---	---
Potassium	ppm	0	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	56	32	---	---
Copper	ppm	0	2	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	0	---	---
Chromium	ppm	1	<1	---	---
Molybdenum	ppm	2	4	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	3	3	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	4084	3476	---	---
Magnesium	ppm	17	7	---	---
Zinc	ppm	1623	1523	---	---
Phosphorus	ppm	1288	1290	---	---
Barium	ppm	0	0	---	---
Boron	ppm	128	103	---	---

Depot: COLPRE
Unique No: 10536426
Signed: Wes Davis
Report Date: 02 Jul 2023



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GRAPHS

