



CONSTRUCTION EQUIPMENT

VOLVO L90H 623901 - FRONT AXLE



Sample No: VCP394693
Oil Type: VOLVO WB 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP394693	VCP252307	VCP213489	---
Sample Date	14 Jul 2023	03 Mar 2020	21 Mar 2019	---
Machine Hours	12030	6006	4011	---
Oil Hours	2000	0	4000	---
Oil Changed	Changed	Not Changd	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

STRONGCO EQUIPMENT (CE)

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OIL CONDITION

Visc @ 40°C	cSt	41.9	43.7	40.8	---
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CONTAMINATION

Silicon	ppm	15	10	13	---
Sodium	ppm	10	5	12	---
Potassium	ppm	1	<1	<1	---



WEAR METALS

Iron	ppm	41	40	116	---
Copper	ppm	<1	<1	<1	---
Lead	ppm	0	0	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	1	<1	<1	---
Chromium	ppm	<1	1	5	---
Molybdenum	ppm	1	3	13	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	<1	<1	0	---
Silver	ppm	0	<1	0	---
Manganese	ppm	2	3	10	---
Vanadium	ppm	0	<1	<1	---



ADDITIVES

Calcium	ppm	4029	3840	4035	---
Magnesium	ppm	15	10	11	---
Zinc	ppm	1616	1547	1632	---
Phosphorus	ppm	1410	1361	1320	---
Barium	ppm	0	0	0	---
Boron	ppm	118	122	114	---

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.

Depot: VOLVO0252
Unique No: 5616554
Signed: Wes Davis
Report Date: 21 Jul 2023



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GRAPHS

