



CONSTRUCTION EQUIPMENT

594559 VOLVO L70H 623714 - REAR AXLE



Sample No: VCP412625
Oil Type: VOLVO WB 102
Job No: 594559



SAMPLE INFORMATION

Sample Number	VCP412625	VCP408206	VCP317966	---
Sample Date	16 Aug 2023	29 Mar 2023	16 Sep 2021	---
Machine Hours	3333	2744	1251	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Not Changd	N/A	---
Sample Status	NORMAL	NORMAL	NORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	49.1	48.9	40.1	---
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CONTAMINATION

Silicon	ppm	17	15	13	---
Sodium	ppm	8	6	6	---
Potassium	ppm	<1	<1	<1	---



WEAR METALS

Iron	ppm	72	61	73	---
Copper	ppm	10	13	25	---
Lead	ppm	0	0	<1	---
Tin	ppm	1	1	2	---
Aluminum	ppm	1	1	1	---
Chromium	ppm	2	2	3	---
Molybdenum	ppm	1	3	4	---
Nickel	ppm	<1	0	<1	---
Titanium	ppm	0	0	<1	---
Silver	ppm	0	0	<1	---
Manganese	ppm	5	4	9	---
Vanadium	ppm	0	0	<1	---



ADDITIVES

Calcium	ppm	4510	3666	4094	---
Magnesium	ppm	33	31	12	---
Zinc	ppm	1918	1538	1650	---
Phosphorus	ppm	1499	1214	1343	---
Barium	ppm	0	<1	0	---
Boron	ppm	169	125	148	---

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: VOLVO0096
Unique No: 10615332
Signed: Sean Felton
Report Date: 23 Aug 2023



CONSTRUCTION EQUIPMENT



GRAPHS

