



CONSTRUCTION EQUIPMENT

716675 ALTA RENTS VOLVO L70H 624454 - REAR AXLE



Sample No: VCP449923
Oil Type: VOLVO WB 102
Job No: 716675 ALTA RENTS



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SAMPLE INFORMATION

Sample Number	VCP449923	VCP428726	VCP418903	---
Sample Date	20 May 2024	20 Dec 2023	23 May 2023	---
Machine Hours	4170	3446	2683	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Changed	Changed	---
Sample Status	NORMAL	NORMAL	ABNORMAL	---



OIL CONDITION

Visc @ 40°C	cSt	42.8	42.6	39.9	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	12	14	14	---
Sodium	ppm	2	0	8	---
Potassium	ppm	0	1	3	---



WEAR METALS

Iron	ppm	22	43	97	---
Copper	ppm	1	32	▲ 134	---
Lead	ppm	<1	0	<1	---
Tin	ppm	<1	2	15	---
Aluminum	ppm	1	2	1	---
Chromium	ppm	0	2	4	---
Molybdenum	ppm	4	4	2	---
Nickel	ppm	<1	<1	1	---
Titanium	ppm	0	<1	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	2	3	10	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	3908	3737	4089	---
Magnesium	ppm	29	31	13	---
Zinc	ppm	1620	1557	1680	---
Phosphorus	ppm	1241	1323	1321	---
Barium	ppm	0	10	2	---
Boron	ppm	135	139	132	---

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: VOLVO0093
Unique No: 11047548
Signed: Wes Davis
Report Date: 28 May 2024



CONSTRUCTION EQUIPMENT



GRAPHS

