



CONSTRUCTION EQUIPMENT

VOLVO L90G 617795 - FRONT AXLE



Sample No: VCP435896

Oil Type: {unknown}

Job No:



SAMPLE INFORMATION

Sample Number	VCP435896	VCP442146	VCP249909	---
Sample Date	09 Jan 2024	08 Jan 2024	10 Oct 2019	---
Machine Hours	8421	8419	5736	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Not Chngd	N/A	---
Sample Status	NORMAL	ABNORMAL	ABNORMAL	---

WHITAKER CONSTRUCTION

44 SOUTH 1050
BRIGHAM CITY, UT
US 84302

Contact: Dave Wickman
dave.wickam@whitcon.com

T:
F:



OIL CONDITION

Visc @ 40°C	cSt	43.3	41.2	88.9	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	6	6	40	---
Sodium	ppm	0	0	6	---
Potassium	ppm	0	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	66	66	630	---
Copper	ppm	2	2	4	---
Lead	ppm	0	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	1	1	5	---
Chromium	ppm	<1	<1	5	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	0	0	2	---
Titanium	ppm	0	0	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	1	1	12	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	760	776	418	---
Magnesium	ppm	11	11	0	---
Zinc	ppm	569	575	437	---
Phosphorus	ppm	530	535	478	---
Barium	ppm	0	0	0	---
Boron	ppm	24	25	19	---

Depot: WHIBRIUT
Unique No: 10832903
Signed: Don Baldrige
Report Date: 17 Jan 2024



CONSTRUCTION EQUIPMENT



GRAPHS

