



CONSTRUCTION EQUIPMENT

VOLVO L90G 617795 - FRONT AXLE



Sample No: VCP442146

Oil Type: 75W

Job No:



SAMPLE INFORMATION

Sample Number	VCP442146	VCP249909	---	---
Sample Date	08 Jan 2024	10 Oct 2019	---	---
Machine Hours	8419	5736	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	N/A	---	---
Sample Status	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	41.2	88.9	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	6	40	---	---
Sodium	ppm	0	6	---	---
Potassium	ppm	0	2	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	66	630	---	---
Copper	ppm	2	4	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	1	5	---	---
Chromium	ppm	<1	5	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	0	2	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	1	12	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

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

Depot: WHIBRIUT
Unique No: 10832894
Signed: Don Baldrige
Report Date: 17 Jan 2024



CONSTRUCTION EQUIPMENT



GRAPHS

