



CONSTRUCTION EQUIPMENT

VOLVO L90G 617795 - REAR AXLE



Sample No: VCP441956
Oil Type: CASTROL 75W
Job No:



SAMPLE INFORMATION

Sample Number	VCP441956	---	---	---
Sample Date	08 Jan 2024	---	---	---
Machine Hours	8419	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	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	█ 36.1	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 15	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 0	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. We advise that you inspect for the source(s) of metal. Resample at the next service interval to monitor. High concentration of visible metal present. 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	█ 393	---	---	---
Copper	ppm	█ 92	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 8	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	4	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	1541	---	---	---
Magnesium	ppm	14	---	---	---
Zinc	ppm	706	---	---	---
Phosphorus	ppm	669	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	44	---	---	---

Depot: WHIBRIUT
Unique No: 10832895
Signed: Don Baldrige
Report Date: 17 Jan 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

