



CONSTRUCTION EQUIPMENT

VOLVO L90H 05625448 - FRONT AXLE



Sample No: VCP438656
Oil Type: VOLVO WB 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP438656	VCP411570	---	---
Sample Date	23 Jan 2024	10 Oct 2023	---	---
Machine Hours	0	5552	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	ABNORMAL	NORMAL	---	---

CITY CARTING
 221 OLD GATE LN
 MILFORD, CT
 US 06460
 Contact: TAVINS BANKS
 tavins@citycart.net
 T: (203)223-3885
 F:



OIL CONDITION

Visc @ 40°C	cSt	43.3	42.8	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	14	15	---	---
Sodium	ppm	0	2	---	---
Potassium	ppm	1	0	---	---

Diagnosis

The oil change at the time of sampling has been noted. 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	14	31	---	---
Copper	ppm	<1	0	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	2	<1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	<1	0	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	2	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3922	3887	---	---
Magnesium	ppm	21	19	---	---
Zinc	ppm	1610	1576	---	---
Phosphorus	ppm	1286	1279	---	---
Barium	ppm	<1	<1	---	---
Boron	ppm	135	133	---	---

Depot: CITMILCON
Unique No: 10858209
Signed: Jonathan Hester
Report Date: 02 Feb 2024



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GRAPHS

