



CONSTRUCTION EQUIPMENT

VOLVO L90H 5624326 - FRONT AXLE



Sample No: VCP416431
Oil Type: VOLVO WB 101
Job No:



SAMPLE INFORMATION

Sample Number	VCP416431	VCP407778	VCP281576	---
Sample Date	08 Sep 2023	24 May 2023	30 Nov 2020	---
Machine Hours	7531	7068	3192	---
Oil Hours	0	0	0	---
Oil Changed	Not Changd	N/A	Not Changd	---
Sample Status	ABNORMAL	NORMAL	NORMAL	---

CITY CARTING
 221 OLD GATE LN
 MILFORD, CT
 US 06460
 Contact: John LINARES
 jlinares@win-waste.com
 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	43.3	39.2	39.1	---
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CONTAMINATION

Water	%	0.260	---	---	---
Silicon	ppm	13	12	12	---
Sodium	ppm	10	0	7	---
Potassium	ppm	7	2	5	---

Diagnosis
 No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. There is a light concentration of water present in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	16	41	17	---
Copper	ppm	<1	<1	<1	---
Lead	ppm	<1	<1	0	---
Tin	ppm	<1	0	0	---
Aluminum	ppm	2	<1	<1	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	1	1	1	---
Nickel	ppm	<1	0	0	---
Titanium	ppm	<1	0	<1	---
Silver	ppm	0	0	<1	---
Manganese	ppm	2	<1	2	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	4166	4112	4239	---
Magnesium	ppm	19	16	11	---
Zinc	ppm	1700	1614	1704	---
Phosphorus	ppm	1350	1286	1348	---
Barium	ppm	0	0	0	---
Boron	ppm	130	139	123	---

Depot: CITMILCON
Unique No: 10649492
Signed: Jonathan Hester
Report Date: 20 Sep 2023



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GRAPHS

