



CONSTRUCTION EQUIPMENT

VOLVO L110H 05632247 - FRONT AXLE



Sample No: VCP407140
Oil Type: VOLVO WB 101
Job No:



SAMPLE INFORMATION

Sample Number	VCP407140	VCP407666	VCP281601	---
Sample Date	09 Aug 2023	17 May 2023	01 Feb 2023	---
Machine Hours	4793	4033	3086	---
Oil Hours	0	947	1044	---
Oil Changed	Not Chngd	Not Chngd	Changed	---
Sample Status	NORMAL	NORMAL	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	42.6	42.9	50.7	---
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CONTAMINATION

Silicon	ppm	13	12	16	---
Sodium	ppm	<1	2	3	---
Potassium	ppm	0	2	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	53	125	---
Copper	ppm	0	0	<1	---
Lead	ppm	<1	<1	0	---
Tin	ppm	0	<1	0	---
Aluminum	ppm	<1	1	<1	---
Chromium	ppm	1	2	3	---
Molybdenum	ppm	2	3	5	---
Nickel	ppm	0	<1	0	---
Titanium	ppm	0	<1	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	2	2	6	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	4110	4307	4092	---
Magnesium	ppm	19	27	13	---
Zinc	ppm	1677	1713	1621	---
Phosphorus	ppm	1284	1305	1322	---
Barium	ppm	0	0	0	---
Boron	ppm	144	130	147	---

Depot: CITMILCON
Unique No: 10605072
Signed: Wes Davis
Report Date: 16 Aug 2023



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GRAPHS

