



CONSTRUCTION EQUIPMENT

VOLVO L120H 633400 - FRONT AXLE



Sample No: VCP439000
Oil Type: VOLVO WB 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP439000	VCP437225	VCP442182	---
Sample Date	02 Apr 2024	20 Feb 2024	19 Oct 2023	---
Machine Hours	0	2033	1010	---
Oil Hours	0	0	1010	---
Oil Changed	Changed	Changed	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	43.0	43.5	41.7	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	19	20	31	---
Sodium	ppm	1	2	4	---
Potassium	ppm	0	0	<1	---

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	60	100	156	---
Copper	ppm	<1	0	1	---
Lead	ppm	<1	0	0	---
Tin	ppm	<1	0	<1	---
Aluminum	ppm	<1	<1	<1	---
Chromium	ppm	<1	2	4	---
Molybdenum	ppm	<1	3	8	---
Nickel	ppm	0	0	<1	---
Titanium	ppm	0	0	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	2	4	8	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	4105	3593	3649	---
Magnesium	ppm	17	15	23	---
Zinc	ppm	1689	1411	1548	---
Phosphorus	ppm	1433	1180	1276	---
Barium	ppm	0	0	0	---
Boron	ppm	155	124	133	---

Depot: CITMILCON
Unique No: 10980886
Signed: Wes Davis
Report Date: 17 Apr 2024



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GRAPHS

