



CONSTRUCTION EQUIPMENT

VOLVO L110H 05631970 - REAR AXLE



Sample No: VCP439470
Oil Type: VOLVO WB 101
Job No:



SAMPLE INFORMATION

Sample Number	VCP439470	VCP294645	---	---
Sample Date	27 Dec 2023	08 Dec 2020	---	---
Machine Hours	4896	1155	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Chngd	---	---
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	█ 43.1	39.5	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 15	█ 10	---	---
Sodium	ppm	█ 0	█ 7	---	---
Potassium	ppm	█ 3	█ 2	---	---

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	█ 48	█ 267	---	---
Copper	ppm	█ <1	█ 1	---	---
Lead	ppm	█ <1	█ 0	---	---
Tin	ppm	█ <1	█ 0	---	---
Aluminum	ppm	█ 2	█ 0	---	---
Chromium	ppm	█ <1	█ 6	---	---
Molybdenum	ppm	█ 2	13	---	---
Nickel	ppm	█ <1	█ 1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 2	11	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	█ 4368	4008	---	---
Magnesium	ppm	█ 16	13	---	---
Zinc	ppm	█ 1635	1558	---	---
Phosphorus	ppm	█ 1284	1305	---	---
Barium	ppm	█ 7	0	---	---
Boron	ppm	█ 145	129	---	---

Depot: CITMILCON
Unique No: 10820282
Signed: Jonathan Hester
Report Date: 10 Jan 2024



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GRAPHS

