



CONSTRUCTION EQUIPMENT

VOLVO L110H 625924 - REAR AXLE



Sample No: VCP439475
Oil Type: VALVOLINE WV 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP439475	---	---	---
Sample Date	19 Jan 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

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	---	---	---
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CONTAMINATION

Water	%	▲ 0.287	---	---	---
Silicon	ppm	■ 18	---	---	---
Sodium	ppm	■ 6	---	---	---
Potassium	ppm	■ <1	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. 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. There is a high amount of visible silt present in the sample. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	■ 210	---	---	---
Copper	ppm	■ 3	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 1	---	---	---
Chromium	ppm	■ 1	---	---	---
Molybdenum	ppm	4	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	4	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	3863	---	---	---
Magnesium	ppm	16	---	---	---
Zinc	ppm	1533	---	---	---
Phosphorus	ppm	1209	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	131	---	---	---

Depot: CITMILCON
Unique No: 10846791
Signed: Don Baldrige
Report Date: 26 Jan 2024



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GRAPHS

