



CONSTRUCTION EQUIPMENT

CHARAH VOLVO L110H 632156 - TRANSMISSION (AUTO)



Sample No: VCP435577
Oil Type: DIESEL ENGINE OIL SAE 15W40
Job No: CHARAH



SAMPLE INFORMATION

Sample Number	VCP435577	---	---	---
Sample Date	19 Dec 2023	---	---	---
Machine Hours	2948	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ATTENTION	---	---	---

ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
 8418 PALM RIVER ROAD
 TAMPA, FL
 US 33619
 Contact: KENNY HANEY
 khaney@flaglerce.com
 T: (813)630-0077
 F: (813)630-2233



OIL CONDITION

Visc @ 40°C	cSt	▲ 28.6	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 4	---	---	---
Sodium	ppm	■ 3	---	---	---
Potassium	ppm	■ 0	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The fluid viscosity is lower than normal. This plus the additive levels indicates the addition of a different brand, or type of oil. Confirm oil type.



WEAR METALS

Iron	ppm	■ 14	---	---	---
Copper	ppm	■ 3	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 3	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	▲ 64	---	---	---
Magnesium	ppm	▲ 0	---	---	---
Zinc	ppm	▲ 0	---	---	---
Phosphorus	ppm	▲ 184	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 80	---	---	---

Depot: VOLVO0093
Unique No: 10829910
Signed: Don Baldrige
Report Date: 14 Jan 2024



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GRAPHS

