



CONSTRUCTION EQUIPMENT

SW-28852-2 FX CONSTR VOLVO L120H 633201 - REAR AXLE



Sample No: VCP436530
Oil Type: VOLVO SUPER WET BRAKE TRANSAXLE OIL WB102
Job No: SW-28852-2 FX CONSTR



SAMPLE INFORMATION

Sample Number	VCP436530	---	---	---
Sample Date	18 Jan 2024	---	---	---
Machine Hours	958	---	---	---
Oil Hours	958	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

ARNOLD MACHINERY COMPANY

2975 WEST 2100 SOUTH
 SALT LAKE CITY, UT
 US 84119

Contact: TONY PAYAN
 tpayan@arnoldmachinery.com
 T: (801)972-4000
 F: (801)975-9434



OIL CONDITION

Visc @ 40°C	cSt	█ 41.0	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 31	---	---	---
Sodium	ppm	█ 9	---	---	---
Potassium	ppm	█ 2	---	---	---



WEAR METALS

Iron	ppm	█ 186	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 5	---	---	---
Molybdenum	ppm	█ 11	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 10	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 3858	---	---	---
Magnesium	ppm	█ 14	---	---	---
Zinc	ppm	█ 1636	---	---	---
Phosphorus	ppm	█ 1333	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 137	---	---	---

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.

Depot: VOLVO8770
Unique No: 10847424
Signed: Wes Davis
Report Date: 26 Jan 2024



CONSTRUCTION EQUIPMENT



GRAPHS

