



CONSTRUCTION EQUIPMENT

394474 VOLVO L50H 4321238 - REAR AXLE



Sample No: VCP334145
Oil Type: VOLVO WB 102
Job No: 394474



SAMPLE INFORMATION

Sample Number	VCP334145	VCP263050	---	---
Sample Date	13 Mar 2024	02 Feb 2021	---	---
Machine Hours	4345	1027	---	---
Oil Hours	4345	1027	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

STRONGCO EQUIP (AB)
 6 - 38403 BURNT LAKE TRAIL
 RED DEER COUNTY, AB
 CA T4S 2L4
 Contact: Perry Doyle
 pdoyle@strongco.com
 T: (403)391-3520
 F: (403)346-3487

OIL CONDITION

Visc @ 40°C	cSt	█ 49.3	55.1	---	---
-------------	-----	--------	------	-----	-----

CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 16	█ 11	---	---
Sodium	ppm	█ 11	█ 15	---	---
Potassium	ppm	█ 2	█ 5	---	---

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	█ 110	█ 57	---	---
Copper	ppm	█ 4	█ 4	---	---
Lead	ppm	█ <1	█ 0	---	---
Tin	ppm	█ 0	█ 0	---	---
Aluminum	ppm	█ 1	█ 1	---	---
Chromium	ppm	█ 1	█ <1	---	---
Molybdenum	ppm	█ 0	█ <1	---	---
Nickel	ppm	█ 3	█ 2	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 2	█ 2	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	█ 3682	█ 3401	---	---
Magnesium	ppm	█ 12	█ 10	---	---
Zinc	ppm	█ 1425	█ 1452	---	---
Phosphorus	ppm	█ 1194	█ 1140	---	---
Barium	ppm	█ <1	█ <1	---	---
Boron	ppm	█ 104	█ 100	---	---

Depot: VOLVO9652
Unique No: 5748229
Signed: Wes Davis
Report Date: 19 Mar 2024



CONSTRUCTION EQUIPMENT



GRAPHS

