



CONSTRUCTION EQUIPMENT

SW-27010-2 RIGID VOLVO L70H 624473 - FRONT AXLE



Sample No: VCP434531
Oil Type: VOLVO WB 102
Job No: SW-27010-2 RIGID



SAMPLE INFORMATION

Sample Number	VCP434531	---	---	---
Sample Date	27 Nov 2023	---	---	---
Machine Hours	1008	---	---	---
Oil Hours	1008	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

ARNOLD MACHINERY COMPANY

2975 WEST 2100 SOUTH
 SALT LAKE CITY, UT
 US 84119

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OIL CONDITION

Visc @ 40°C	cSt	█ 40.4	---	---	---
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CONTAMINATION

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

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	█ 67	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 4	---	---	---
Molybdenum	ppm	█ 11	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 13	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 4444	---	---	---
Magnesium	ppm	█ 14	---	---	---
Zinc	ppm	█ 1784	---	---	---
Phosphorus	ppm	█ 1372	---	---	---
Barium	ppm	█ 2	---	---	---
Boron	ppm	█ 149	---	---	---

Depot: VOLVO8770
Unique No: 10768683
Signed: Wes Davis
Report Date: 05 Dec 2023



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GRAPHS

