



CONSTRUCTION EQUIPMENT

SW-26481-2 AXIS VOLVO L70H 624268 - FRONT AXLE



Sample No: VCP443487
Oil Type: VOLVO WB 102
Job No: SW-26481-2 AXIS



SAMPLE INFORMATION

Sample Number	VCP443487	---	---	---
Sample Date	10 Nov 2023	---	---	---
Machine Hours	2110	---	---	---
Oil Hours	2110	---	---	---
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	█ 40.2	---	---	---
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CONTAMINATION

Silicon	ppm	█ 16	---	---	---
Sodium	ppm	█ 9	---	---	---
Potassium	ppm	█ 4	---	---	---

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	█ 87	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 4	---	---	---
Molybdenum	ppm	█ 9	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 9	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 3790	---	---	---
Magnesium	ppm	█ 13	---	---	---
Zinc	ppm	█ 1597	---	---	---
Phosphorus	ppm	█ 1264	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 138	---	---	---

Depot: VOLVO8770
Unique No: 10750330
Signed: Wes Davis
Report Date: 19 Nov 2023



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GRAPHS

