



# CONSTRUCTION EQUIPMENT

## SW-35458-2 MAVERICK VOLVO L220H 3371 - FRONT AXLE



**Sample No:** VCP454317  
**Oil Type:** VOLVO WB 102  
**Job No:** SW-35458-2 MAVERICK



### SAMPLE INFORMATION

Sample Number	VCP454317	---	---	---
Sample Date	10 Jun 2024	---	---	---
Machine Hours	3913	---	---	---
Oil Hours	3913	---	---	---
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	█ 49.2	---	---	---
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### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 11	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 1	---	---	---

### 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	█ 140	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 3	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	0	---	---	---



### ADDITIVES

Calcium	ppm	█ 3162	---	---	---
Magnesium	ppm	█ 35	---	---	---
Zinc	ppm	█ 1347	---	---	---
Phosphorus	ppm	█ 1108	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 100	---	---	---

**Depot:** VOLVO8770  
**Unique No:** 11086718  
**Signed:** Wes Davis  
**Report Date:** 20 Jun 2024



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## VOLVO GRAPHS

