



# CONSTRUCTION EQUIPMENT

CEDAR RIDGE DAIRY VOLVO L70H 624337 - REAR AXLE



**Sample No:** VCP371463  
**Oil Type:** MOBIL MOBILFLUID 424  
**Job No:** CEDAR RIDGE DAIRY



## SAMPLE INFORMATION

Sample Number	VCP371463	---	---	---
Sample Date	16 Aug 2023	---	---	---
Machine Hours	3656	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

### ARNOLD MACHINERY COMPANY

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## OIL CONDITION

Visc @ 40°C	cSt	█ 48.4	---	---	---
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## CONTAMINATION

Silicon	ppm	█ 17	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 2	---	---	---



## WEAR METALS

Iron	ppm	█ 18	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 5	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 1	---	---	---
Vanadium	ppm	█ 0	---	---	---



## ADDITIVES

Calcium	ppm	█ 3433	---	---	---
Magnesium	ppm	█ 37	---	---	---
Zinc	ppm	█ 1361	---	---	---
Phosphorus	ppm	█ 1128	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 136	---	---	---

## 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:** VOLVO1835  
**Unique No:** 10616964  
**Signed:** Don Baldrige  
**Report Date:** 24 Aug 2023



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## VOLVO GRAPHS

