



CONSTRUCTION EQUIPMENT

CEDAR RIDGE DAIRY VOLVO L70H 624332 - REAR AXLE



Sample No: VCP368367
Oil Type: MOBIL MOBILFLUID 424
Job No: CEDAR RIDGE DAIRY



ARNOLD MACHINERY COMPANY
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TWIN FALLS, ID
US 83301
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SAMPLE INFORMATION

Sample Number	VCP368367	---	---	---
Sample Date	16 Aug 2023	---	---	---
Machine Hours	3702	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 47.7	---	---	---
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CONTAMINATION

Silicon	ppm	█ 37	---	---	---
Sodium	ppm	█ 7	---	---	---
Potassium	ppm	█ 13	---	---	---



WEAR METALS

Iron	ppm	█ 120	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 4	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ 5	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 3330	---	---	---
Magnesium	ppm	█ 37	---	---	---
Zinc	ppm	█ 1352	---	---	---
Phosphorus	ppm	█ 1139	---	---	---
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: 10616965
Signed: Don Baldrige
Report Date: 24 Aug 2023



CONSTRUCTION EQUIPMENT



GRAPHS

