



# CONSTRUCTION EQUIPMENT

CEDAR RIDGE DAIRY VOLVO L70H 623743 - DIESEL ENGINE



**Sample No:** VCP382617  
**Oil Type:** MOBIL 15W40  
**Job No:** CEDAR RIDGE DAIRY



## SAMPLE INFORMATION

Sample Number	VCP382617	---	---	---
Sample Date	15 Dec 2022	---	---	---
Machine Hours	4576	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

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## OIL CONDITION

Visc @ 100°C	cSt	█ 13.5	---	---	---
Base Number (BN)	mg KOH/g	█ 8.3	---	---	---
Oxidation (PA)	%	65	---	---	---

## CONTAMINATION

Soot %	%	█ 0.8	---	---	---
Nitration (PA)	%	77	---	---	---
Sulfation (PA)	%	62	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 0	---	---	---

## 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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

## WEAR METALS

Iron	ppm	█ 11	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 5	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 65	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---

## ADDITIVES

Calcium	ppm	█ 1554	---	---	---
Magnesium	ppm	█ 683	---	---	---
Zinc	ppm	█ 1308	---	---	---
Phosphorus	ppm	█ 1032	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 112	---	---	---

**Depot:** VOLVO1835  
**Unique No:** 10272408  
**Signed:** Wes Davis  
**Report Date:** 02 Jan 2023



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## GRAPHS

