



# CONSTRUCTION EQUIPMENT

364831 VOLVO L150H NOUNITVCE201412 - DIESEL ENGINE



**Sample No:** VCE201412  
**Oil Type:** BOSS LUBRICANTS BLUE RAM DIESEL 15W40  
**Job No:** 364831



## SAMPLE INFORMATION

Sample Number	VCE201412	---	---	---
Sample Date	19 Oct 2023	---	---	---
Machine Hours	13321	---	---	---
Oil Hours	500	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

**CITY OF REGINA - FLEET SERVICES DEPT**  
 2476 VICTORIA AVENUE, BOX 1790  
 REGINA, SK  
 CA S4P 3C8  
 Contact: Curtis Jors  
 cjors@regina.ca  
 T: (306)777-7674  
 F: (306)777-6813



## OIL CONDITION

Visc @ 100°C	cSt	█ 13.2	---	---	---
Oxidation (PA)	%	█ 80	---	---	---



## CONTAMINATION

Water	%	█ NEG	---	---	---
Soot %	%	█ 0	---	---	---
Nitration (PA)	%	█ 64	---	---	---
Sulfation (PA)	%	█ 60	---	---	---
Glycol	%	█ NEG	---	---	---
Fuel	%	█ <1.0	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 2	---	---	---
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	█ 4	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 38	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	█ 0	---	---	---



## ADDITIVES

Calcium	ppm	█ 1761	---	---	---
Magnesium	ppm	█ 431	---	---	---
Zinc	ppm	█ 1069	---	---	---
Phosphorus	ppm	█ 920	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 30	---	---	---

**Depot:** CITREG  
**Unique No:** 5720863  
**Signed:** Wes Davis  
**Report Date:** 30 Jan 2024



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## GRAPHS

