



# CONSTRUCTION EQUIPMENT

555424 MELGARD VOLVO L150H 7035 - DIESEL ENGINE



**Sample No:** VCP445988  
**Oil Type:** VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3  
**Job No:** 555424 MELGARD



## SAMPLE INFORMATION

Sample Number	VCP445988	VCP441142	---	---
Sample Date	15 May 2024	09 Feb 2024	---	---
Machine Hours	3540	2981	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

### ALTA EQUIPMENT COMPANY

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## OIL CONDITION

Visc @ 100°C	cSt	█ 13.5	█ 12.8	---	---
Base Number (BN)	mg KOH/g	█ 5.6	█ 8.9	---	---
Oxidation (PA)	%	66	56	---	---

### 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.



## CONTAMINATION

Water	%	NEG	NEG	---	---
Soot %	%	█ 0.3	█ 0.2	---	---
Nitration (PA)	%	68	57	---	---
Sulfation (PA)	%	57	51	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	<1.0	<1.0	---	---
Silicon	ppm	█ 5	█ 6	---	---
Sodium	ppm	█ <1	█ <1	---	---
Potassium	ppm	█ 3	█ 5	---	---



## WEAR METALS

Iron	ppm	█ 5	█ 6	---	---
Copper	ppm	█ 2	█ 2	---	---
Lead	ppm	█ <1	█ <1	---	---
Tin	ppm	█ 1	█ 1	---	---
Aluminum	ppm	█ 2	█ 1	---	---
Chromium	ppm	█ <1	█ <1	---	---
Molybdenum	ppm	█ 62	█ 61	---	---
Nickel	ppm	█ 1	█ 2	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	█ <1	█ 0	---	---
Manganese	ppm	█ <1	█ <1	---	---
Vanadium	ppm	<1	<1	---	---



## ADDITIVES

Calcium	ppm	█ 1081	█ 989	---	---
Magnesium	ppm	█ 948	█ 902	---	---
Zinc	ppm	█ 1200	█ 1191	---	---
Phosphorus	ppm	█ 1019	█ 972	---	---
Barium	ppm	█ 0	█ 1	---	---
Boron	ppm	█ 0	█ 1	---	---

**Depot:** VOLVO0095  
**Unique No:** 11035271  
**Signed:** Sean Felton  
**Report Date:** 21 May 2024



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## GRAPHS

