



# CONSTRUCTION EQUIPMENT

688928 DIPRO VOLVO L260H 1312 - DIESEL ENGINE



**Sample No:** VCP438830  
**Oil Type:** VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3  
**Job No:** 688928 DIPRO



## SAMPLE INFORMATION

Sample Number	VCP438830	VCP452381	VCP442775	VCP431403
Sample Date	02 Apr 2024	12 Jan 2024	22 Nov 2023	14 Sep 2023
Machine Hours	9453	8904	8328	7562
Oil Hours	500	0	500	500
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

**ALTA EQUIPMENT COMPANY - METRO WEST**  
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## OIL CONDITION

Visc @ 100°C	cSt	13.4	13.4	13.1	14.3
Base Number (BN)	mg KOH/g	9.3	9.2	8.9	8.7
Oxidation (PA)	%	60	60	61	54

## 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 acceptable for the time in service.



## CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Soot %	%	0.1	0.2	0.2	0.2
Nitration (PA)	%	61	61	63	52
Sulfation (PA)	%	52	52	53	50
Glycol	%	NEG	NEG	NEG	NEG
Fuel	%	<1.0	<1.0	<1.0	<1.0
Silicon	ppm	2	2	2	3
Sodium	ppm	1	<1	<1	2
Potassium	ppm	0	0	<1	1



## WEAR METALS

Iron	ppm	4	4	2	4
Copper	ppm	1	4	2	1
Lead	ppm	<1	<1	0	<1
Tin	ppm	0	0	<1	<1
Aluminum	ppm	1	<1	<1	0
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	52	57	57	56
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	<1	0	0	0



## ADDITIVES

Calcium	ppm	1098	1092	981	1004
Magnesium	ppm	975	947	941	889
Zinc	ppm	1176	1170	1255	1164
Phosphorus	ppm	1088	984	1009	961
Barium	ppm	0	0	0	0
Boron	ppm	0	<1	<1	0

**Depot:** VOLVO2990  
**Unique No:** 10968715  
**Signed:** Angela Borella  
**Report Date:** 12 Apr 2024



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## GRAPHS

