



# CONSTRUCTION EQUIPMENT

## 135399 VOLVO L260H 1362 - DIESEL ENGINE



**Sample No:** VCP434226

**Oil Type:** {unknown}

**Job No:** 135399



### SAMPLE INFORMATION

Sample Number	VCP434226	VCP423795	VCP435425	VCP408806
Sample Date	30 Jan 2024	13 Oct 2023	01 Sep 2023	24 Jul 2023
Machine Hours	2538	1526	1072	595
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Changed	Not Changd
Sample Status	NORMAL	NORMAL	ABNORMAL	ABNORMAL

LATTIMORE MATERIALS/HOLCIM - ROSSER - LAFARGE  
14242 S SH-34  
SCURRY, TX  
US 75158  
Contact: WALLACE WARREN  
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T:  
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### OIL CONDITION

Visc @ 100°C	cSt	12.5	12.6	11.1	11.2
Base Number (BN)	mg KOH/g	4.9	6.9	4.3	5.2
Oxidation (PA)	%	94	69	78	67



### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Soot %	%	0.5	0.2	0.4	0.3
Nitration (PA)	%	96	63	85	81
Sulfation (PA)	%	71	64	64	58
Glycol	%	NEG	NEG	NEG	NEG
Fuel	%	<1.0	<1.0	<1.0	0.6
Silicon	ppm	14	12	26	27
Sodium	ppm	3	2	4	4
Potassium	ppm	<1	2	5	5

### Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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	28	10	26	16
Copper	ppm	39	48	174	221
Lead	ppm	0	0	1	<1
Tin	ppm	2	<1	3	2
Aluminum	ppm	4	4	3	2
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	109	123	93	93
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	<1	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	<1	4	3
Vanadium	ppm	0	0	0	0



### ADDITIVES

Calcium	ppm	1536	1558	2192	2260
Magnesium	ppm	633	570	121	59
Zinc	ppm	900	889	1220	1271
Phosphorus	ppm	749	747	921	1011
Barium	ppm	0	0	0	0
Boron	ppm	24	206	22	41

**Depot:** LATSCU  
**Unique No:** 10873264  
**Signed:** Wes Davis  
**Report Date:** 13 Feb 2024



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## GRAPHS

