



# CONSTRUCTION EQUIPMENT

G07503 VOLVO L260H 1247 - DIESEL ENGINE



**Sample No:** VCP435222

**Oil Type:** NOT GIVEN

**Job No:** G07503



## SAMPLE INFORMATION

Sample Number	<b>VCP435222</b>	VCP276547	---	---
Sample Date	<b>18 Jul 2023</b>	17 Mar 2023	---	---
Machine Hours	<b>3837</b>	2560	---	---
Oil Hours	<b>0</b>	0	---	---
Oil Changed	<b>N/A</b>	N/A	---	---
Sample Status	<b>NORMAL</b>	NORMAL	---	---

### WHIBCO INC

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## OIL CONDITION

Visc @ 100°C	cSt	<b>13.6</b>	12.1	---	---
Base Number (BN)	mg KOH/g	<b>6.9</b>	6.9	---	---
Oxidation (PA)	%	<b>45</b>	54	---	---



## CONTAMINATION

Soot %	%	<b>0.2</b>	0.2	---	---
Nitration (PA)	%	<b>61</b>	67	---	---
Sulfation (PA)	%	<b>49</b>	54	---	---
Glycol	%	<b>NEG</b>	NEG	---	---
Fuel	%	<b>&lt;1.0</b>	0.5	---	---
Silicon	ppm	<b>3</b>	4	---	---
Sodium	ppm	<b>&lt;1</b>	0	---	---
Potassium	ppm	<b>&lt;1</b>	2	---	---



## WEAR METALS

Iron	ppm	<b>7</b>	9	---	---
Copper	ppm	<b>4</b>	1	---	---
Lead	ppm	<b>0</b>	<1	---	---
Tin	ppm	<b>&lt;1</b>	<1	---	---
Aluminum	ppm	<b>1</b>	2	---	---
Chromium	ppm	<b>&lt;1</b>	<1	---	---
Molybdenum	ppm	<b>28</b>	19	---	---
Nickel	ppm	<b>0</b>	2	---	---
Titanium	ppm	<b>3</b>	47	---	---
Silver	ppm	<b>0</b>	0	---	---
Manganese	ppm	<b>&lt;1</b>	<1	---	---
Vanadium	ppm	<b>0</b>	<1	---	---



## ADDITIVES

Calcium	ppm	<b>1912</b>	1812	---	---
Magnesium	ppm	<b>456</b>	433	---	---
Zinc	ppm	<b>1197</b>	1168	---	---
Phosphorus	ppm	<b>988</b>	953	---	---
Barium	ppm	<b>&lt;1</b>	0	---	---
Boron	ppm	<b>12</b>	70	---	---

## Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is SAE 40 Diesel Engine Oil. Please confirm the oil type and grade, and specify the brand 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.

**Depot:** WHIBRI  
**Unique No:** 10566556  
**Signed:** Wes Davis  
**Report Date:** 24 Jul 2023



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## GRAPHS

