



CONSTRUCTION EQUIPMENT

VOLVO EC200EL EC200EL3 14507 - DIESEL ENGINE



Sample No: VCP0008097

Oil Type: NOT GIVEN

Job No:



SAMPLE INFORMATION

Sample Number	VCP0008097	---	---	---
Sample Date	01 Nov 2023	---	---	---
Machine Hours	1643	---	---	---
Oil Hours	1643	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

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 8750 PHILIPS HWY
 JACKSONVILLE, FL
 US 32256
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OIL CONDITION

Visc @ 100°C	cSt	█ 13.1	---	---	---
Base Number (BN)	mg KOH/g	█ 10.8	---	---	---
Oxidation (PA)	%	82	---	---	---

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. Metal levels are typical for a components first oil change. 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

Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	41	---	---	---
Sulfation (PA)	%	63	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 10	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 0	---	---	---



WEAR METALS

Iron	ppm	█ 29	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 45	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 1587	---	---	---
Magnesium	ppm	█ 469	---	---	---
Zinc	ppm	█ 1097	---	---	---
Phosphorus	ppm	█ 850	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 89	---	---	---

Depot: VOLVO0092
Unique No: 10726148
Signed: Wes Davis
Report Date: 06 Nov 2023



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GRAPHS

