



CONSTRUCTION EQUIPMENT

SWO-053144 VOLVO L110H 631628 - DIESEL ENGINE



Sample No: VCP386856
Oil Type: DIESEL ENGINE OIL SAE 40
Job No: SWO-053144



SAMPLE INFORMATION

Sample Number	VCP386856	---	---	---
Sample Date	24 Jun 2022	---	---	---
Machine Hours	5080	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

COX WOOD OF ALABAMA
 10810 BURT DRIVE
 VANCE, AL
 US 35490
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OIL CONDITION

Visc @ 100°C	cSt	█ 14.0	---	---	---
Base Number (BN)	mg KOH/g	█ 9.7	---	---	---
Oxidation (PA)	%	83	---	---	---

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	---	---	---
Soot %	%	█ 0.8	---	---	---
Nitration (PA)	%	77	---	---	---
Sulfation (PA)	%	65	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 8	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 0	---	---	---



WEAR METALS

Iron	ppm	█ 29	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 2	---	---	---
Aluminum	ppm	█ 25	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 43	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 1724	---	---	---
Magnesium	ppm	█ 514	---	---	---
Zinc	ppm	█ 1122	---	---	---
Phosphorus	ppm	█ 873	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 38	---	---	---

Depot: COXVAN
Unique No: 10032921
Signed: Don Baldrige
Report Date: 29 Jun 2022



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GRAPHS

