



CONSTRUCTION EQUIPMENT

W07013189-2 VOLVO EC250E 3 10555 - DIESEL ENGINE



Sample No: VCP409398
Oil Type: DIESEL ENGINE OIL SAE 15W40
Job No: W07013189-2



SAMPLE INFORMATION

Sample Number	VCP409398	---	---	---
Sample Date	08 Aug 2023	---	---	---
Machine Hours	1841	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

McClung-Logan Virginia LLC- RICHMOND
1345 MOUNTAIN ROAD
GLEN ALLEN, VA
US 23060
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OIL CONDITION

Visc @ 100°C	cSt	█ 12.8	---	---	---
Base Number (BN)	mg KOH/g	█ 10.6	---	---	---
Oxidation (PA)	%	80	---	---	---

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

Soot %	%	█ 0.2	---	---	---
Nitration (PA)	%	57	---	---	---
Sulfation (PA)	%	61	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 12	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 7	---	---	---



WEAR METALS

Iron	ppm	█ 11	---	---	---
Copper	ppm	█ 3	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 1	---	---	---
Aluminum	ppm	█ 11	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 47	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 1717	---	---	---
Magnesium	ppm	█ 543	---	---	---
Zinc	ppm	█ 1123	---	---	---
Phosphorus	ppm	█ 930	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 55	---	---	---

Depot: VOLVO8882
Unique No: 10602580
Signed: Don Baldrige
Report Date: 14 Aug 2023



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GRAPHS

