



CONSTRUCTION EQUIPMENT

11556 SIOUX FALLS VOLVO EC350EL 310712 - DIESEL ENGINE



Sample No: VCE631540
Oil Type: NOT GIVEN
Job No: 11556 SIOUX FALLS



SAMPLE INFORMATION

Sample Number	VCE631540	---	---	---
Sample Date	10 Nov 2023	---	---	---
Machine Hours	4790	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

TRANSOURCE TRUCK & EQUIPMENT

901 EAST 60TH STREET NORTH
SIOUX FALLS, SD
US 57104
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OIL CONDITION

Visc @ 100°C	cSt	11.8	---	---	---
Base Number (BN)	mg KOH/g	8.6	---	---	---
Oxidation (PA)	%	93	---	---	---

Diagnosis

No corrective action is recommended at this time. 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. Fuel content negligible. 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

Water	%	NEG	---	---	---
Soot %	%	0	---	---	---
Nitration (PA)	%	61	---	---	---
Sulfation (PA)	%	65	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	1.9	---	---	---
Silicon	ppm	6	---	---	---
Sodium	ppm	0	---	---	---
Potassium	ppm	2	---	---	---



WEAR METALS

Iron	ppm	3	---	---	---
Copper	ppm	1	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	1	---	---	---
Chromium	ppm	0	---	---	---
Molybdenum	ppm	42	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	1650	---	---	---
Magnesium	ppm	494	---	---	---
Zinc	ppm	1106	---	---	---
Phosphorus	ppm	913	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	44	---	---	---

Depot: VOLVO0035
Unique No: 10751247
Signed: Jonathan Hester
Report Date: 24 Nov 2023



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GRAPHS

