



CONSTRUCTION EQUIPMENT

SWA379035-10 RENTALS VOLVO EC350EL 310587 - DIESEL ENGINE



Sample No: VCP433465
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: SWA379035-10 RENTALS



SAMPLE INFORMATION

Sample Number	VCP433465	---	---	---
Sample Date	03 Oct 2023	---	---	---
Machine Hours	2324	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

ALTA EQUIPMENT COMPANY - METRO WEST
56195 PONTIAC TRAIL
NEW HUDSON, MI
US 48165
Contact: NATE ROSZCZEWSKI
nate.roszczewski@altaequipment.com
T:
F: (248)356-2029



OIL CONDITION

Visc @ 100°C	cSt	█ 12.4	---	---	---
Base Number (BN)	mg KOH/g	█ 10.5	---	---	---
Oxidation (PA)	%	81	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. No other corrective action is recommended at this time. All component wear rates are normal. Light fuel dilution occurring. No other contaminants were detected 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	---	---	---
Nitration (PA)	%	54	---	---	---
Sulfation (PA)	%	61	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	█ 1.2	---	---	---
Silicon	ppm	█ 5	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 0	---	---	---



WEAR METALS

Iron	ppm	█ 3	---	---	---
Copper	ppm	█ 4	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 37	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 1577	---	---	---
Magnesium	ppm	█ 432	---	---	---
Zinc	ppm	█ 944	---	---	---
Phosphorus	ppm	█ 799	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 48	---	---	---

Depot: VOLVO2990
Unique No: 10698237
Signed: Wes Davis
Report Date: 18 Oct 2023



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GRAPHS

