



CONSTRUCTION EQUIPMENT

SWA434756 ATL TRASH VOLVO L90H 627083 - DIESEL ENGINE



Sample No: VCP431610
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: SWA434756 ATL TRASH



SAMPLE INFORMATION

Sample Number	VCP431610	---	---	---
Sample Date	12 Dec 2023	---	---	---
Machine Hours	458	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

ALTA EQUIPMENT COMPANY

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 DAVIE, FL
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OIL CONDITION

Visc @ 100°C	cSt	█ 12.6	---	---	---
Base Number (BN)	mg KOH/g	█ 9.6	---	---	---
Oxidation (PA)	%	73	---	---	---

Diagnosis

Resample at the next service interval to monitor. Metal levels are typical for a new component breaking in. 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 %	%	█ 0.2	---	---	---
Nitration (PA)	%	50	---	---	---
Sulfation (PA)	%	58	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 22	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 4	---	---	---



WEAR METALS

Iron	ppm	█ 25	---	---	---
Copper	ppm	█ 9	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ 2	---	---	---
Aluminum	ppm	█ 9	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 38	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 5	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 1555	---	---	---
Magnesium	ppm	█ 557	---	---	---
Zinc	ppm	█ 1106	---	---	---
Phosphorus	ppm	█ 923	---	---	---
Barium	ppm	16	---	---	---
Boron	ppm	█ 53	---	---	---

Depot: VOLVO0095
Unique No: 10790961
Signed: Wes Davis
Report Date: 16 Dec 2023



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GRAPHS

