



# CONSTRUCTION EQUIPMENT

BABCOCK RANCH VOLVO 45D END DUMP VCP 437793 (S/N NOT GIVEN) - DIESEL ENGINE



**Sample No:** VCP437793  
**Oil Type:** CITGO 15W40  
**Job No:** BABCOCK RANCH



## SAMPLE INFORMATION

Sample Number	VCP437793	---	---	---
Sample Date	15 Dec 2023	---	---	---
Machine Hours	9900	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

**ALTA EQUIPMENT COMPANY**  
5151 DR MARTIN LUTHER KING BLVD  
FORT MYERS, FL  
US 33905  
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## OIL CONDITION

Visc @ 100°C	cSt	█ 12.0	---	---	---
Base Number (BN)	mg KOH/g	█ 8.6	---	---	---
Oxidation (PA)	%	57	---	---	---

## Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. 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 %	%	█ 0.2	---	---	---
Nitration (PA)	%	51	---	---	---
Sulfation (PA)	%	52	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	█ 0.4	---	---	---
Silicon	ppm	█ 5	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ <1	---	---	---



## WEAR METALS

Iron	ppm	█ 7	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 10	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 59	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	█ 1735	---	---	---
Magnesium	ppm	392	---	---	---
Zinc	ppm	█ 1271	---	---	---
Phosphorus	ppm	█ 1064	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 3	---	---	---

**Depot:** VOLVO0090  
**Unique No:** 10795620  
**Signed:** Wes Davis  
**Report Date:** 26 Dec 2023



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## GRAPHS

