

# OIL ANALYSIS REPORT

# VOLVO PENTA

## BRIAN DRESSLER-CAJUN PRINCESS VOLVO PENTA 7011374398 - STARBOARD DIESEL ENGINE

Sample No: VPA060849

Oil Type: DIESEL ENGINE OIL SAE 15W40

### SAMPLE INFORMATION

Sample Number	VPA060849	---	---	---
Sample Date	11 Jun 2024	---	---	---
Machine Hours	302	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

FLORIDA DETROIT DIESEL - 531006 - 1125774  
1128 CHESTNUT AVE  
PANAMA CITY, FL  
US 32401  
Contact: RICHARD ROBERTS  
ri.roberts@kirbycorp.com  
T: (850)763-7656  
F:

### OIL CONDITION

Visc @ 100°C	cSt	█ 12.8	---	---	---
Base Number (BN)	mg KOH/g	█ 10.1	---	---	---
Oxidation (PA)	%	55	---	---	---

### 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

Water	%	NEG	---	---	---
Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	48	---	---	---
Sulfation (PA)	%	51	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	< 1.0	---	---	---
Silicon	ppm	█ 6	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 1	---	---	---

### WEAR METALS

Iron	ppm	█ 5	---	---	---
Copper	ppm	█ 8	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 58	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	0	---	---	---

### ADDITIVES

Calcium	ppm	█ 1026	---	---	---
Magnesium	ppm	█ 904	---	---	---
Zinc	ppm	█ 1193	---	---	---
Phosphorus	ppm	█ 945	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

Depot: VPFLOPAN  
Unique No: 11077104  
Signed: Don Baldrige  
Report Date: 17 Jun 2024

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## GRAPHS

