

# OIL ANALYSIS REPORT

# VOLVO PENTA

## KOHLER 336KGMHD0001 - PORT GENSET

Sample No: VPA054460

Oil Type: VOLVO PENTA SAE 15W40

### SAMPLE INFORMATION

Sample Number	VPA054460	---	---	---
Sample Date	05 Mar 2024	---	---	---
Machine Hours	824	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

### Marine International Diesels Inc.

3600 HACIENDA BLVD UNIT G  
DAVIE, FL  
US 33314  
Contact: ASHANTI BURKE  
aburke@midiflorida.com  
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### OIL CONDITION

Visc @ 100°C	cSt	█ 13.7	---	---	---
Base Number (BN)	mg KOH/g	9.2	---	---	---
Oxidation (PA)	%	60	---	---	---

### CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	45	---	---	---
Sulfation (PA)	%	52	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	< 1.0	---	---	---
Silicon	ppm	█ 3	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 2	---	---	---

### 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.

### WEAR METALS

Iron	ppm	█ 4	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ < 1	---	---	---
Chromium	ppm	█ < 1	---	---	---
Molybdenum	ppm	█ 30	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ < 1	---	---	---
Vanadium	ppm	0	---	---	---

### ADDITIVES

Calcium	ppm	█ 1519	---	---	---
Magnesium	ppm	504	---	---	---
Zinc	ppm	█ 1164	---	---	---
Phosphorus	ppm	█ 981	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 83	---	---	---

Depot: VP694356  
Unique No: 10928258  
Signed: Don Baldrige  
Report Date: 18 Mar 2024

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## GRAPHS

