

# OIL ANALYSIS REPORT

# VOLVO PENTA

## REMEDY JRM YC0782E009 - CENTER DIESEL ENGINE

Sample No: VPA047820  
Oil Type: SHELL 15W40

### SAMPLE INFORMATION

Sample Number	VPA047820	---	---	---
Sample Date	06 Nov 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

### OIL CONDITION

Visc @ 100°C	cSt	█ 14.2	---	---	---
Base Number (BN)	mg KOH/g	█ 8.5	---	---	---
Oxidation (PA)	%	64	---	---	---

### CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0	---	---	---
Nitration (PA)	%	48	---	---	---
Sulfation (PA)	%	55	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	< 1.0	---	---	---
Silicon	ppm	█ 3	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 8	---	---	---

### WEAR METALS

Iron	ppm	█ 3	---	---	---
Copper	ppm	█ < 1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ < 1	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ < 1	---	---	---
Molybdenum	ppm	█ 8	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	< 1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	0	---	---	---

### ADDITIVES

Calcium	ppm	█ 2020	---	---	---
Magnesium	ppm	█ 108	---	---	---
Zinc	ppm	█ 1128	---	---	---
Phosphorus	ppm	█ 944	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 202	---	---	---

#### The Talaria Company

202 Banks St., One Little Harbor Landing  
OXFORD, MD  
US 21654  
Contact: TRACY PELLERIN  
tpellerin@hinckleyyachts.com  
T: (410)770-4899  
F: x:

#### 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 suitable for further service.

Depot: VP592286  
Unique No: 10751213  
Signed: Angela Borella  
Report Date: 21 Nov 2023

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## GRAPHS

