

# OIL ANALYSIS REPORT

# VOLVO PENTA

## NORTHERN LIGHTS 6732-26199C - DIESEL ENGINE

Sample No: VPA041254

Oil Type: SHELL ROTELLA T4 15W40

### SAMPLE INFORMATION

Sample Number	VPA041254	---	---	---
Sample Date	11 Apr 2024	---	---	---
Machine Hours	434	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

### OIL CONDITION

Visc @ 100°C	cSt	12.1	---	---	---
Oxidation (PA)	%	60	---	---	---

### CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	0	---	---	---
Nitration (PA)	%	49	---	---	---
Sulfation (PA)	%	54	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	1.6	---	---	---
Silicon	ppm	15	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	<1	---	---	---

### WEAR METALS

Iron	ppm	12	---	---	---
Copper	ppm	3	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	3	---	---	---
Chromium	ppm	1	---	---	---
Molybdenum	ppm	49	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---

### ADDITIVES

Calcium	ppm	1758	---	---	---
Magnesium	ppm	455	---	---	---
Zinc	ppm	1083	---	---	---
Phosphorus	ppm	916	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	101	---	---	---

### FAR POINT MARINE

391 HOYLAKE RD W  
QUALICUM, BC  
CA V9K 1J5  
Contact: Brian Atherton  
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T: (250)847-9339  
F:

### Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Metal levels are typical for a new component breaking in. Light fuel dilution occurring. No other contaminants were detected in the oil. Viscosity of sample indicates oil is within SAE 30 range, advise investigate. The condition of the oil is acceptable for the time in service.

Depot: FARQUA  
Unique No: 5762330  
Signed: Kevin Marson  
Report Date: 18 Apr 2024

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## GRAPHS

