

OIL ANALYSIS REPORT

VOLVO PENTA

2071182068 - STARBOARD MAIN ENGINE

Sample No: VPA031392

Oil Type: NOT GIVEN

SAMPLE INFORMATION

Sample Number	VPA031392	---	---	---
Sample Date	03 Oct 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

WYE HERITAGE MARINA

3282 OGDEN'S BEACH RD

MIDLAND, ON

CA L4R 4K6

Contact: Keith Easterling

easterx4@rogers.com

T:

F: (705)526-4903

OIL CONDITION

Visc @ 100°C	cSt	█ 14.4	---	---	---
Oxidation (PA)	%	62	---	---	---

CONTAMINATION

Soot %	%	█ 0.2	---	---	---
Nitration (PA)	%	52	---	---	---
Sulfation (PA)	%	57	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 6	---	---	---

WEAR METALS

Iron	ppm	█ 12	---	---	---
Copper	ppm	█ 13	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	█ 2	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	█ 0	---	---	---

ADDITIVES

Calcium	ppm	2074	---	---	---
Magnesium	ppm	16	---	---	---
Zinc	ppm	1089	---	---	---
Phosphorus	ppm	911	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	159	---	---	---

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VP834408

Unique No: 5658508

Signed: Kevin Marson

Report Date: 17 Oct 2023

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GRAPHS

