

OIL ANALYSIS REPORT

VOLVO PENTA

JAMES BARROW 48515 2006013718 - STARBOARD MAIN ENGINE

Sample No: VPA021039

Oil Type: SAE 15W40

SAMPLE INFORMATION

Sample Number	VPA021039	---	---	---
Sample Date	11 Apr 2024	---	---	---
Machine Hours	935	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

PECKS MARINE

505 THOUSAND ISLANDS PKWY
LANDSDOWNE, ON
CA K0E 1L0
Contact: Service Manager

OIL CONDITION

Visc @ 100°C	cSt	█ 14.2	---	---	---
Oxidation (PA)	%	█ 69	---	---	---

T:
F:

CONTAMINATION

Water	%	█ NEG	---	---	---
Soot %	%	█ 0	---	---	---
Nitration (PA)	%	█ 69	---	---	---
Sulfation (PA)	%	█ 57	---	---	---
Glycol	%	█ NEG	---	---	---
Fuel	%	█ <1.0	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ <1	---	---	---

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 condition of the oil is acceptable for the time in service.

WEAR METALS

Iron	ppm	█ 12	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 46	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	█ 0	---	---	---

ADDITIVES

Calcium	ppm	█ 1369	---	---	---
Magnesium	ppm	█ 655	---	---	---
Zinc	ppm	█ 861	---	---	---
Phosphorus	ppm	█ 751	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 41	---	---	---

Depot: VP1254793
Unique No: 5761825
Signed: Kevin Marson
Report Date: 15 Apr 2024

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GRAPHS

