

OIL ANALYSIS REPORT

VOLVO PENTA

CANTER 534610 VOLVO PENTA 20132088569 - PORT DIESEL ENGINE

Sample No: VPA056301

Oil Type: VOLVO PENTA SAE 15W40

SAMPLE INFORMATION

Sample Number	VPA056301	---	---	---
Sample Date	01 Apr 2024	---	---	---
Machine Hours	305	---	---	---
Oil Hours	305	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

Jas Marine Service Inc.

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US 33403

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F:

OIL CONDITION

Visc @ 100°C	cSt	█ 13.4	---	---	---
Base Number (BN)	mg KOH/g	█ 4.4	---	---	---
Oxidation (PA)	%	38	---	---	---

Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. Metal levels are typical for a new component breaking in. 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.

CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 1.1	---	---	---
Nitration (PA)	%	53	---	---	---
Sulfation (PA)	%	48	---	---	---
Glycol	%	█ 0.0	---	---	---
Fuel	%	< 1.0	---	---	---
Silicon	ppm	█ 34	---	---	---
Sodium	ppm	█ 18	---	---	---
Potassium	ppm	█ 43	---	---	---

WEAR METALS

Iron	ppm	█ 53	---	---	---
Copper	ppm	█ 5	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ 4	---	---	---
Aluminum	ppm	█ 17	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ 10	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 3	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 1134	---	---	---
Magnesium	ppm	█ 1044	---	---	---
Zinc	ppm	█ 1339	---	---	---
Phosphorus	ppm	█ 1119	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 7	---	---	---

Depot: VP152963

Unique No: 10965778

Signed: Jonathan Hester

Report Date: 10 Apr 2024

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GRAPHS

