

OIL ANALYSIS REPORT

VOLVO PENTA

AOKI 4571 VOLVO PENTA 70112031208 - PORT DIESEL ENGINE

Sample No: VPA057190

Oil Type: DIESEL ENGINE OIL SAE 15W40

SAMPLE INFORMATION

Sample Number	VPA057190	---	---	---
Sample Date	19 Mar 2024	---	---	---
Machine Hours	132	---	---	---
Oil Hours	62	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

Jas Marine Service Inc

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OIL CONDITION

Visc @ 100°C	cSt	12.4	---	---	---
Base Number (BN)	mg KOH/g	10.1	---	---	---
Oxidation (PA)	%	51	---	---	---

Diagnosis

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 suitable for further service.

CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	0.1	---	---	---
Nitration (PA)	%	40	---	---	---
Sulfation (PA)	%	49	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	14	---	---	---
Sodium	ppm	<1	---	---	---
Potassium	ppm	1	---	---	---

WEAR METALS

Iron	ppm	7	---	---	---
Copper	ppm	4	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	59	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	1339	---	---	---
Magnesium	ppm	821	---	---	---
Zinc	ppm	1214	---	---	---
Phosphorus	ppm	997	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	59	---	---	---

Depot: VP426065

Unique No: 10940386

Signed: Jonathan Hester

Report Date: 26 Mar 2024

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GRAPHS

