

OIL ANALYSIS REPORT

VOLVO PENTA

ALEX PROK TOM VOLVO PENTA 7008471823 - PORT DIESEL ENGINE

Sample No: VPA052444

Oil Type: VOLVO PENTA SAE 15W40

SAMPLE INFORMATION

Sample Number	VPA052444	VPA047854	---	---
Sample Date	22 Dec 2023	25 May 2023	---	---
Machine Hours	359	350	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Changd	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---

OIL CONDITION

Visc @ 100°C	cSt	█ 13.6	█ 13.7	---	---
Base Number (BN)	mg KOH/g	█ 10.4	█ 10.6	---	---
Oxidation (PA)	%	59	59	---	---

CONTAMINATION

Water	%	NEG	NEG	---	---
Soot %	%	█ 0.1	█ 0.1	---	---
Nitration (PA)	%	43	45	---	---
Sulfation (PA)	%	52	53	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	<1.0	<1.0	---	---
Silicon	ppm	█ 10	█ 10	---	---
Sodium	ppm	█ 2	█ 1	---	---
Potassium	ppm	█ 0	█ 1	---	---

WEAR METALS

Iron	ppm	█ 14	█ 10	---	---
Copper	ppm	█ 10	█ 8	---	---
Lead	ppm	█ 0	█ 0	---	---
Tin	ppm	█ 0	█ <1	---	---
Aluminum	ppm	█ 2	█ 2	---	---
Chromium	ppm	█ 0	█ <1	---	---
Molybdenum	ppm	█ 47	█ 56	---	---
Nickel	ppm	█ 0	█ <1	---	---
Titanium	ppm	█ 0	█ 0	---	---
Silver	ppm	█ 0	█ <1	---	---
Manganese	ppm	█ 0	█ <1	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	█ 1181	█ 1229	---	---
Magnesium	ppm	█ 828	█ 910	---	---
Zinc	ppm	█ 1156	█ 1239	---	---
Phosphorus	ppm	█ 887	█ 1036	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 11	█ 15	---	---

ADMIRALTY MARINE

2775 KURTZ ST, STE 12

SAN DIEGO, CA

US 92110

Contact: Terry Albee

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T:

F:

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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

Depot: VP151529

Unique No: 10805123

Signed: Doug Bogart

Report Date: 27 Dec 2023

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GRAPHS

