

OIL ANALYSIS REPORT

VOLVO PENTA

VOLVO PENTA 2006022714 - CENTER DIESEL ENGINE

Sample No: VPA056813

Oil Type: NOT GIVEN

SAMPLE INFORMATION

Sample Number	VPA056813	---	---	---
Sample Date	11 Oct 2023	---	---	---
Machine Hours	881	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

JON DIESEL LLC

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F:

OIL CONDITION

Visc @ 100°C	cSt	█ 13.9	---	---	---
Base Number (BN)	mg KOH/g	█ 9.6	---	---	---
Oxidation (PA)	%	51	---	---	---

Diagnosis

No corrective action is recommended at this time. 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.

CONTAMINATION

Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	43	---	---	---
Sulfation (PA)	%	49	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 3	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 4	---	---	---

WEAR METALS

Iron	ppm	█ 6	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 51	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 2	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	█ 1093	---	---	---
Magnesium	ppm	█ 907	---	---	---
Zinc	ppm	█ 1160	---	---	---
Phosphorus	ppm	█ 957	---	---	---
Barium	ppm	█ 12	---	---	---
Boron	ppm	█ 16	---	---	---

Depot: VPJONMYA

Unique No: 10695902

Signed: Doug Bogart

Report Date: 17 Oct 2023

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GRAPHS

