

OIL ANALYSIS REPORT

VOLVO PENTA

STEVE AND JOAN IHLENFELDT SR00100232 VOLVO PENTA A1 180613 - STARBOARD DIESEL ENGINE

Sample No: VPA061449

Oil Type: {unknown}

SAMPLE INFORMATION

Sample Number	VPA061449	---	---	---
Sample Date	14 Jun 2024	---	---	---
Machine Hours	181	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

Pacific Power Group - VP981534

7215 S 228th St

Kent, WA

US 98032

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OIL CONDITION

Visc @ 100°C	cSt	█ 12.6	---	---	---
Base Number (BN)	mg KOH/g	█ 10.0	---	---	---
Oxidation (PA)	%	78	---	---	---

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

Water	%	NEG	---	---	---
Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	48	---	---	---
Sulfation (PA)	%	61	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 28	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 2	---	---	---

WEAR METALS

Iron	ppm	█ 13	---	---	---
Copper	ppm	█ 16	---	---	---
Lead	ppm	█ 8	---	---	---
Tin	ppm	█ 2	---	---	---
Aluminum	ppm	█ 5	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 41	---	---	---
Nickel	ppm	█ 2	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 1729	---	---	---
Magnesium	ppm	█ 506	---	---	---
Zinc	ppm	█ 1128	---	---	---
Phosphorus	ppm	789	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 70	---	---	---

Depot: VP99031103

Unique No: 11100310

Signed: Sean Felton

Report Date: 28 Jun 2024

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GRAPHS

