

OIL ANALYSIS REPORT

VOLVO PENTA

POWER SECURE 47565 0793910 - GENSET

Sample No: VPA061784

Oil Type: {unknown}

SAMPLE INFORMATION

Sample Number	VPA061784	---	---	---
Sample Date	20 Jun 2024	---	---	---
Machine Hours	980	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

OIL CONDITION

Visc @ 100°C	cSt	█ 13.8	---	---	---
Base Number (BN)	mg KOH/g	7.6	---	---	---
Oxidation (PA)	%	68	---	---	---

CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	58	---	---	---
Sulfation (PA)	%	56	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 6	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 8	---	---	---

WEAR METALS

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

ADDITIVES

Calcium	ppm	2165	---	---	---
Magnesium	ppm	75	---	---	---
Zinc	ppm	1210	---	---	---
Phosphorus	ppm	1065	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	174	---	---	---

INTERSTATE POWER SYSTEMS

2901 E 78TH ST
MINNEAPOLIS, MN
US 55425

Contact: DAN KRAEMER
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Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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 acceptable for the time in service.

Depot: VP1103105

Unique No: 11089540

Signed: Sean Felton

Report Date: 24 Jun 2024

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GRAPHS

