

# OIL ANALYSIS REPORT

# VOLVO PENTA

**JAMES MCHUGH 80 VOLVO PENTA JAMES MCHUGH (S/N NOT GIVEN) - GENSET**

**Sample No:** VPA056453

**Oil Type:** NOT GIVEN

## SAMPLE INFORMATION

Sample Number	VPA056453	---	---	---
Sample Date	06 Jul 2023	---	---	---
Machine Hours	440	---	---	---
Oil Hours	50	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

## OIL CONDITION

Visc @ 100°C	cSt	█ 13.4	---	---	---
Base Number (BN)	mg KOH/g	6.4	---	---	---
Oxidation (PA)	%	27	---	---	---

## CONTAMINATION

Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	28	---	---	---
Sulfation (PA)	%	35	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 2	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 4	---	---	---

## WEAR METALS

Iron	ppm	█ 5	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	36	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	<1	---	---	---

## ADDITIVES

Calcium	ppm	806	---	---	---
Magnesium	ppm	727	---	---	---
Zinc	ppm	1024	---	---	---
Phosphorus	ppm	835	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	0	---	---	---

### Skipper Bud's

215 North Point Drive, 215 North Point Drive  
WINTHROP HARBOR, IL

US 60096

Contact: Jim Radsek

jradsek@skipperbuds.com

T:

F:

### Diagnosis

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 suitable for further service.

**Depot:** VP211714

**Unique No:** 10552931

**Signed:** Sean Felton

**Report Date:** 14 Jul 2023

# OIL ANALYSIS REPORT

# VOLVO PENTA

## GRAPHS

