

OIL ANALYSIS REPORT

VOLVO PENTA

DOUG WILLIAMSON 505800 WHISPER POWER L319A0011 - GENSET

Sample No: VPA055185

Oil Type: VOLVO PENTA SAE 15W40

SAMPLE INFORMATION

Sample Number	VPA055185	---	---	---
Sample Date	18 Dec 2023	---	---	---
Machine Hours	160	---	---	---
Oil Hours	160	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

Jefferson Beach Yacht Sales Inc

24400 Jefferson Ave.
SAINT CLAIR SHORES, MI
US 48080

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F:

OIL CONDITION

Visc @ 100°C	cSt	█ 13.8	---	---	---
Base Number (BN)	mg KOH/g	█ 8.5	---	---	---
Oxidation (PA)	%	56	---	---	---

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.

CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 1.5	---	---	---
Nitration (PA)	%	83	---	---	---
Sulfation (PA)	%	56	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	< 1.0	---	---	---
Silicon	ppm	█ 22	---	---	---
Sodium	ppm	█ 6	---	---	---
Potassium	ppm	█ 8	---	---	---

WEAR METALS

Iron	ppm	█ 40	---	---	---
Copper	ppm	█ 22	---	---	---
Lead	ppm	█ 11	---	---	---
Tin	ppm	█ 4	---	---	---
Aluminum	ppm	█ 9	---	---	---
Chromium	ppm	█ 3	---	---	---
Molybdenum	ppm	█ 84	---	---	---
Nickel	ppm	█ 2	---	---	---
Titanium	ppm	< 1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	< 1	---	---	---

ADDITIVES

Calcium	ppm	█ 2217	---	---	---
Magnesium	ppm	█ 72	---	---	---
Zinc	ppm	█ 1263	---	---	---
Phosphorus	ppm	█ 1114	---	---	---
Barium	ppm	█ < 1	---	---	---
Boron	ppm	█ 45	---	---	---

Depot: VP297371

Unique No: 10804384

Signed: Jonathan Hester

Report Date: 27 Dec 2023

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GRAPHS

