

OIL ANALYSIS REPORT

VOLVO PENTA

DAVID JOHNSTONE 13098 NO UNIT VPA050566 - PORT GEAR UNIT

Sample No: VPA050566

Oil Type: SHELL ROTELLA T 30

SAMPLE INFORMATION

Sample Number	VPA050566	---	---	---
Sample Date	25 Jun 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ATTENTION	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	█ 107	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 7	---	---	---
Sodium	ppm	█ 19	---	---	---
Potassium	ppm	█ 1	---	---	---

WEAR METALS

PQ		█ 2	---	---	---
Iron	ppm	█ 26	---	---	---
Copper	ppm	█ 35	---	---	---
Lead	ppm	● 323	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	1	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 1521	---	---	---
Magnesium	ppm	451	---	---	---
Zinc	ppm	█ 1016	---	---	---
Phosphorus	ppm	█ 1003	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 37	---	---	---

Bridgeview Marine Services
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Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. Lead ppm levels are noted. All other component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

Depot: VP627399
Unique No: 5801783
Signed: Kevin Marson
Report Date: 27 Jun 2024

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GRAPHS

