

OIL ANALYSIS REPORT

VOLVO PENTA

GRAZIANO VOLVO PENTA 51220351780 - INBOARD - PORT GEARBOX

Sample No: VPA054225

Oil Type: ATF

SAMPLE INFORMATION

Sample Number	VPA054225	VPA045287	---	---
Sample Date	03 Jun 2024	29 Aug 2022	---	---
Machine Hours	587	459	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Changd	N/A	---	---
Sample Status	ATTENTION	ATTENTION	---	---

OIL CONDITION

Visc @ 40°C	cSt	█ 24.7	█ 30.7	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 5	█ 11	---	---
Sodium	ppm	█ 2	█ <1	---	---
Potassium	ppm	█ <1	█ 3	---	---

WEAR METALS

PQ		█ 23	█ 41	---	---
Iron	ppm	█ 51	● 151	---	---
Copper	ppm	● 88	● 159	---	---
Lead	ppm	█ 1	█ 4	---	---
Tin	ppm	█ 2	█ 6	---	---
Aluminum	ppm	█ 3	● 10	---	---
Chromium	ppm	█ <1	<1	---	---
Molybdenum	ppm	█ 4	█ 7	---	---
Nickel	ppm	█ 0	0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	█ <1	█ 2	---	---
Vanadium	ppm	<1	0	---	---

ADDITIVES

Calcium	ppm	█ 165	█ 194	---	---
Magnesium	ppm	█ 38	█ 3	---	---
Zinc	ppm	█ 111	█ 164	---	---
Phosphorus	ppm	█ 263	█ 304	---	---
Barium	ppm	█ <1	█ 12	---	---
Boron	ppm	█ 73	█ 126	---	---

SUNCOAST DIESEL MARINE

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Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The copper level has decreased, but is still abnormal. All other component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VP705283
Unique No: 11072485
Signed: Don Baldrige
Report Date: 12 Jun 2024

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GRAPHS

