

OIL ANALYSIS REPORT

VOLVO PENTA

15244 VOLVO PENTA 3940020616 - STARBOARD IPS

Sample No: VPA057154

Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA057154	VPA047951	VPA037649	---
Sample Date	27 Mar 2024	09 Nov 2022	21 Apr 2021	---
Machine Hours	1122	0	1005	---
Oil Hours	1122	0	0	---
Oil Changed	Not Changd	N/A	Not Changd	---
Sample Status	NORMAL	NORMAL	NORMAL	---

W J Clark Inc
4517 Dunning Road
NORFOLK, VA
US 23518
Contact: WALTER CLARK
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F:

OIL CONDITION

Visc @ 40°C	cSt	█ 108	█ 107	█ 109	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	5	11	13	---
Sodium	ppm	█ 1	█ 0	█ <1	---
Potassium	ppm	█ 0	█ 1	█ 0	---

Diagnosis

No corrective action is recommended at this time. 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 condition of the oil is acceptable for the time in service.

WEAR METALS

PQ		█ 15	█ 13	█ 20	---
Iron	ppm	█ 8	█ 66	█ 13	---
Copper	ppm	<1	6	1	---
Lead	ppm	0	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	0	<1	<1	---
Chromium	ppm	█ 0	█ <1	█ <1	---
Molybdenum	ppm	█ 0	█ <1	█ 0	---
Nickel	ppm	█ 0	█ 0	█ <1	---
Titanium	ppm	0	0	<1	---
Silver	ppm	0	<1	0	---
Manganese	ppm	█ 0	█ 2	█ <1	---
Vanadium	ppm	0	0	0	---

ADDITIVES

Calcium	ppm	█ 7	█ 6	█ 2	---
Magnesium	ppm	█ <1	█ 3	█ 1	---
Zinc	ppm	█ 2	█ 7	█ 3	---
Phosphorus	ppm	█ 1387	█ 1358	█ 1316	---
Barium	ppm	█ 0	█ 0	█ 0	---
Boron	ppm	█ 321	█ 312	█ 286	---

Depot: VP151520
Unique No: 10953160
Signed: Doug Bogart
Report Date: 01 Apr 2024

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GRAPHS

