

OIL ANALYSIS REPORT

VOLVO PENTA

50 CANTIUS 585930 VOLVO PENTA 3950010207 - STARBOARD IPS

Sample No: VPA025253

Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA025253	VPA059840	---	---
Sample Date	11 Mar 2024	26 Feb 2024	---	---
Machine Hours	101	86	---	---
Oil Hours	20	86	---	---
Oil Changed	Not Changd	Changed	---	---
Sample Status	ABNORMAL	NORMAL	---	---

OIL CONDITION

Visc @ 40°C	cSt	104	99.2	---	---
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CONTAMINATION

Water	%	▲ 0.205	NEG	---	---
Silicon	ppm	2	8	---	---
Sodium	ppm	2	4	---	---
Potassium	ppm	2	8	---	---

WEAR METALS

PQ		16	24	---	---
Iron	ppm	9	28	---	---
Copper	ppm	2	6	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	<1	2	---	---
Chromium	ppm	0	<1	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	2	4	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	3	18	---	---
Magnesium	ppm	209	944	---	---
Zinc	ppm	0	6	---	---
Phosphorus	ppm	1578	1609	---	---
Barium	ppm	0	0	---	---
Boron	ppm	375	617	---	---

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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 a light concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

Depot: VP648685
Unique No: 10927425
Signed: Jonathan Hester
Report Date: 20 Mar 2024

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GRAPHS

