

OIL ANALYSIS REPORT

VOLVO PENTA

VOLVO PENTA 3940024060 - STARBOARD IPS

Sample No: VPA059245

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA059245	VPA025188	---	---
Sample Date	16 Nov 2023	01 Apr 2021	---	---
Machine Hours	672	460	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Changd	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---

OIL CONDITION

Visc @ 40°C	cSt	█ 105.1	█ 106	---	---
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CONTAMINATION

Silicon	ppm	█ 14	█ 15	---	---
Sodium	ppm	█ 2	█ 4	---	---
Potassium	ppm	█ 0	█ 0	---	---

WEAR METALS

PQ		█ 10	█ 26	---	---
Iron	ppm	█ 37	█ 84	---	---
Copper	ppm	█ 5	█ 9	---	---
Lead	ppm	█ 0	█ <1	---	---
Tin	ppm	█ <1	█ 0	---	---
Aluminum	ppm	█ 0	█ 1	---	---
Chromium	ppm	█ <1	█ <1	---	---
Molybdenum	ppm	█ 0	█ <1	---	---
Nickel	ppm	█ <1	█ 2	---	---
Titanium	ppm	█ 0	█ 0	---	---
Silver	ppm	█ 0	█ 0	---	---
Manganese	ppm	█ <1	█ 2	---	---
Vanadium	ppm	█ 0	█ 0	---	---

ADDITIVES

Calcium	ppm	█ 18	█ 24	---	---
Magnesium	ppm	█ 1	█ 12	---	---
Zinc	ppm	█ 0	█ 14	---	---
Phosphorus	ppm	█ 1376	█ 1310	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 295	█ 278	---	---

SMART DIESEL SERVICE

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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 no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VPSMAPLA
Unique No: 10750355
Signed: Doug Bogart
Report Date: 17 Nov 2023

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GRAPHS

