

OIL ANALYSIS REPORT

VOLVO PENTA

JIM SHAFER 815306M VOLVO PENTA 3200003001 - STARBOARD IPS

Sample No: VPA060582

Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA060582	---	---	---
Sample Date	24 Oct 2023	---	---	---
Machine Hours	113	---	---	---
Oil Hours	40	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	█ 117	---	---	---
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CONTAMINATION

Silicon	ppm	<1	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 3	---	---	---

WEAR METALS

PQ		█ 20	---	---	---
Iron	ppm	█ 10	---	---	---
Copper	ppm	4	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 32	---	---	---
Magnesium	ppm	91	---	---	---
Zinc	ppm	█ 2	---	---	---
Phosphorus	ppm	█ 1288	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 304	---	---	---

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T:
F:

Diagnosis

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: VP153549
Unique No: 10722987
Signed: Don Baldrige
Report Date: 01 Nov 2023

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GRAPHS

