

OIL ANALYSIS REPORT

VOLVO PENTA

VOLVO PENTA 3950006818 - STARBOARD IPS

Sample No: VPA060283

Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA060283	---	---	---
Sample Date	15 Mar 2024	---	---	---
Machine Hours	352	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

SMART DIESEL SERVICE

102 NW 133RD AVE, UNIT 103
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US 33325

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F:

OIL CONDITION

Visc @ 40°C	cSt	■ 93.0	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	10	---	---	---
Sodium	ppm	■ 17	---	---	---
Potassium	ppm	■ <1	---	---	---

WEAR METALS

PQ		■ 20	---	---	---
Iron	ppm	■ 197	---	---	---
Copper	ppm	■ 32	---	---	---
Lead	ppm	3	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	6	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 3	---	---	---
Nickel	ppm	■ 3	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 8	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 75	---	---	---
Magnesium	ppm	■ 238	---	---	---
Zinc	ppm	125	---	---	---
Phosphorus	ppm	■ 1481	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 246	---	---	---

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: VPSMAPLA

Unique No: 10940045

Signed: Don Baldrige

Report Date: 25 Mar 2024

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**VOLVO
PENTA**

GRAPHS

