

OIL ANALYSIS REPORT

VOLVO PENTA

VOLVO PENTA 3950011281 - STARBOARD IPS

Sample No: VPA059298

Oil Type: VOLVO API GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA059298	---	---	---
Sample Date	08 Mar 2024	---	---	---
Machine Hours	30	---	---	---
Oil Hours	30	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

SMART DIESEL SERVICE

102 NW 133RD AVE, UNIT 103
PLANTATION, FL
US 33325

Contact: ANDRES GARMENDIA
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F:

OIL CONDITION

Visc @ 40°C	cSt	█ 105	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	7	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 7	---	---	---

WEAR METALS

PQ		█ 17	---	---	---
Iron	ppm	█ 18	---	---	---
Copper	ppm	3	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 4	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 32	---	---	---
Magnesium	ppm	█ 935	---	---	---
Zinc	ppm	█ 6	---	---	---
Phosphorus	ppm	█ 1516	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 580	---	---	---

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: 10925453

Signed: Don Baldrige

Report Date: 14 Mar 2024

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GRAPHS

