

OIL ANALYSIS REPORT

VOLVO PENTA

KIM SMITH - MINE YOUR BUSINESS MB VOLVO PENTA 3950006380 - STARBOARD IPS

Sample No: VPA060490

Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA060490	---	---	---
Sample Date	17 Oct 2023	---	---	---
Machine Hours	367	---	---	---
Oil Hours	50	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

FLORIDA DETROIT DIESEL - 531006 - 1125774
1128 CHESTNUT AVE
PANAMA CITY, FL
US 32401
Contact: RICHARD ROBERTS
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F:

OIL CONDITION

Visc @ 40°C	cSt	■ 97.6	---	---	---
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CONTAMINATION

Silicon	ppm	■ 1	---	---	---
Sodium	ppm	■ 4	---	---	---
Potassium	ppm	■ <1	---	---	---

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.

WEAR METALS

PQ		■ 19	---	---	---
Iron	ppm	■ 21	---	---	---
Copper	ppm	■ 3	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 2	---	---	---
Vanadium	ppm	■ 0	---	---	---

ADDITIVES

Calcium	ppm	■ 13	---	---	---
Magnesium	ppm	■ 37	---	---	---
Zinc	ppm	■ 9	---	---	---
Phosphorus	ppm	■ 1357	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 317	---	---	---

Depot: VPFLOPAN
Unique No: 10711070
Signed: Don Baldrige
Report Date: 26 Oct 2023

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GRAPHS

