

OIL ANALYSIS REPORT

VOLVO PENTA

ANN OBERB 3908 VOLVO PENTA 3195000581 - STARBOARD IPS

Sample No: VPA054862

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA054862	---	---	---
Sample Date	06 May 2024	---	---	---
Machine Hours	100	---	---	---
Oil Hours	100	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

WESTERN BRANCH DIESEL

6881 BULLDOG DR N

CHARLESTON, SC

US 29406

Contact: MICHAEL JORDAN

mdjordan@wbdiesel.com

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OIL CONDITION

Visc @ 40°C	cSt	■ 98.6	---	---	---
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CONTAMINATION

Water	%	■ 0.285	---	---	---
Silicon	ppm	■ 8	---	---	---
Sodium	ppm	■ 19	---	---	---
Potassium	ppm	■ <1	---	---	---

WEAR METALS

PQ		■ 11	---	---	---
Iron	ppm	■ 192	---	---	---
Copper	ppm	■ 9	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 13	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 3	---	---	---
Vanadium	ppm	■ 0	---	---	---

ADDITIVES

Calcium	ppm	■ 9	---	---	---
Magnesium	ppm	■ 2	---	---	---
Zinc	ppm	■ 8	---	---	---
Phosphorus	ppm	■ 1374	---	---	---
Barium	ppm	■ <1	---	---	---
Boron	ppm	■ 205	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. The water content is negligible. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VP1165983

Unique No: 11018948

Signed: Doug Bogart

Report Date: 13 May 2024

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GRAPHS

