

OIL ANALYSIS REPORT

VOLVO PENTA

SEA SALT VOLVO PENTA 3950004361 - STARBOARD IPS

Sample No: VPA054481

Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA054481	---	---	---
Sample Date	17 Jul 2024	---	---	---
Machine Hours	608	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	█ 104.6	---	---	---
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CONTAMINATION

Water	%	█ 0.176	---	---	---
Silicon	ppm	█ 6	---	---	---
Sodium	ppm	█ 12	---	---	---
Potassium	ppm	█ 4	---	---	---

WEAR METALS

PQ		█ 11	---	---	---
Iron	ppm	█ 13	---	---	---
Copper	ppm	█ 4	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	█ 0	---	---	---

ADDITIVES

Calcium	ppm	█ 51	---	---	---
Magnesium	ppm	█ 3	---	---	---
Zinc	ppm	█ 87	---	---	---
Phosphorus	ppm	█ 1423	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 292	---	---	---

Marine International Diesels Inc.

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DAVIE, FL
US 33314
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Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Fuel content negligible. No other contaminants were detected in the oil. The condition of the oil is acceptable for the time in service.

Depot: VP694356
Unique No: 11136221
Signed: Doug Bogart
Report Date: 19 Jul 2024

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GRAPHS

