

OIL ANALYSIS REPORT

VOLVO PENTA

502804 VOLVO PENTA 3940016898 - STARBOARD IPS

Sample No: VPA058199

Oil Type: VOLVO API GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA058199	---	---	---
Sample Date	07 Mar 2024	---	---	---
Machine Hours	827	---	---	---
Oil Hours	111	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

North Harbor Diesel Inc
720 30Th Street
ANACORTES, WA
US 98221
Contact: ED MCFARLIN
ed@northharbordiesel.com
T:
F:

OIL CONDITION

Visc @ 40°C	cSt	■ 95.3	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	4	---	---	---
Sodium	ppm	■ 8	---	---	---
Potassium	ppm	■ 0	---	---	---

WEAR METALS

PQ		■ 16	---	---	---
Iron	ppm	■ 25	---	---	---
Copper	ppm	1	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminium	ppm	0	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 0	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 10	---	---	---
Magnesium	ppm	■ 2	---	---	---
Zinc	ppm	■ 6	---	---	---
Phosphorus	ppm	■ 1274	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 473	---	---	---

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: VP179089
Unique No: 10930002
Signed: Don Baldrige
Report Date: 20 Mar 2024

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GRAPHS

