

OIL ANALYSIS REPORT

VOLVO PENTA

NADINE URUIOLI MATT KORWELL VOLVO PENTA MATT KORWELL (S/N N/A) - STARBOARD GEARBOX

Sample No: VPA061554

Oil Type: VOLVO API GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA061554	---	---	---
Sample Date	10 Jun 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

Helmuts Marine Service

619 Canal Street
SAN RAFAEL, CA
US 94901-3545
Contact: NADINE URUIOLI
SERVICE@HELMUTSMARINE.COM

T: x:

F: x:

OIL CONDITION

Visc @ 40°C	cSt	■ 75.15	---	---	---
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CONTAMINATION

Water	%	■ 0.233	---	---	---
Silicon	ppm	■ 8	---	---	---
Sodium	ppm	■ 16	---	---	---
Potassium	ppm	■ 3	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. There is a trace of moisture present in the oil. The condition of the oil is acceptable for the time in service.

WEAR METALS

Iron	ppm	■ 22	---	---	---
Copper	ppm	■ 21	---	---	---
Lead	ppm	■ 2	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 45	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 2	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 1324	---	---	---
Magnesium	ppm	■ 403	---	---	---
Zinc	ppm	■ 683	---	---	---
Phosphorus	ppm	■ 669	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 93	---	---	---

Depot: VP152741

Unique No: 11075732

Signed: Doug Bogart

Report Date: 12 Jun 2024

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GRAPHS

