

# OIL ANALYSIS REPORT

# VOLVO PENTA

## UNCLE MO TWIN DISC SKV822 - INBOARD - STARBOARD GEARBOX

Sample No: VPA046424

Oil Type: SAE 40W

### SAMPLE INFORMATION

Sample Number	VPA046424	VPA028921	---	---
Sample Date	26 Jun 2023	09 Mar 2021	---	---
Machine Hours	2030	1857	---	---
Oil Hours	0	200	---	---
Oil Changed	N/A	Not Changd	---	---
Sample Status	ATTENTION	ATTENTION	---	---

### OIL CONDITION

Visc @ 40°C	cSt	█ 111	█ 113	---	---
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### CONTAMINATION

Silicon	ppm	█ 5	█ 3	---	---
Sodium	ppm	█ 113	█ 108	---	---
Potassium	ppm	█ 2	█ 1	---	---

### WEAR METALS

PQ		█ 12	█ 19	---	---
Iron	ppm	█ 27	█ 21	---	---
Copper	ppm	█ 39	█ 31	---	---
Lead	ppm	█ 8	█ 7	---	---
Tin	ppm	█ <1	█ <1	---	---
Aluminum	ppm	▲ 33	▲ 27	---	---
Chromium	ppm	█ <1	<1	---	---
Molybdenum	ppm	█ 18	█ 18	---	---
Nickel	ppm	█ <1	0	---	---
Titanium	ppm	█ <1	█ <1	---	---
Silver	ppm	<1	<1	---	---
Manganese	ppm	█ <1	█ <1	---	---
Vanadium	ppm	0	0	---	---

### ADDITIVES

Calcium	ppm	█ 1836	█ 1825	---	---
Magnesium	ppm	█ 317	█ 326	---	---
Zinc	ppm	█ 912	921	---	---
Phosphorus	ppm	█ 818	█ 823	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 47	█ 41	---	---

### Marine International Diesels Inc.

3600 HACIENDA BLVD UNIT G  
DAVIE, FL  
US 33314

Contact: service manager  
service@midiflorida.com

T:  
F:

### Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The aluminum level is abnormal. All other 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: VP694356  
Unique No: 10561622  
Signed: Doug Bogart  
Report Date: 18 Jul 2023

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## GRAPHS

