

# OIL ANALYSIS REPORT



## UNCLE MO TWIN DISC SKV430 - INBOARD - PORT GEARBOX

Sample No: VPA046423

Oil Type: SAE 40W

### SAMPLE INFORMATION

Sample Number	VPA046423	VPA028922	---	---
Sample Date	26 Jun 2023	09 Mar 2021	---	---
Machine Hours	2032	1859	---	---
Oil Hours	0	200	---	---
Oil Changed	N/A	Not Changd	---	---
Sample Status	ATTENTION	ATTENTION	---	---

### Marine International Diesels Inc.

3600 HACIENDA BLVD UNIT G  
DAVIE, FL  
US 33314  
Contact: service manager  
service@midiflorida.com

T:  
F:

### OIL CONDITION

Visc @ 40°C	cSt	█ 116	█ 116	---	---
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### CONTAMINATION

Silicon	ppm	█ 4	█ 3	---	---
Sodium	ppm	█ 45	█ 47	---	---
Potassium	ppm	█ 2	█ <1	---	---

### 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.

### WEAR METALS

PQ		█ 13	█ 17	---	---
Iron	ppm	█ 13	█ 10	---	---
Copper	ppm	█ 8	█ 7	---	---
Lead	ppm	█ 2	█ 2	---	---
Tin	ppm	█ <1	█ <1	---	---
Aluminum	ppm	▲ 24	▲ 17	---	---
Chromium	ppm	█ 0	<1	---	---
Molybdenum	ppm	█ 18	█ 18	---	---
Nickel	ppm	█ <1	0	---	---
Titanium	ppm	█ <1	█ <1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ <1	█ <1	---	---
Vanadium	ppm	0	0	---	---

### ADDITIVES

Calcium	ppm	█ 1717	█ 1716	---	---
Magnesium	ppm	█ 406	█ 434	---	---
Zinc	ppm	█ 908	█ 919	---	---
Phosphorus	ppm	█ 808	█ 832	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	16	█ 13	---	---

Depot: VP694356  
Unique No: 10561623  
Signed: Doug Bogart  
Report Date: 18 Jul 2023

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## GRAPHS

