

# OIL ANALYSIS REPORT



## ONAN I180406923 - GENSET

Sample No: VPA059408

Oil Type: DIESEL ENGINE OIL SAE 15W40

### SAMPLE INFORMATION

Sample Number	VPA059408	VPA040296	---	---
Sample Date	09 Jul 2024	05 Nov 2021	---	---
Machine Hours	1623	847	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	Not Changd	---	---
Sample Status	NORMAL	ATTENTION	---	---

### SUNCOAST DIESEL MARINE

6341 PORTER ROAD, SUITE 6  
SARASOTA, FL  
US 34240  
Contact: SERVICE MANAGER  
info@suncoastdmi.com  
T: (941)342-0033  
F:

### OIL CONDITION

Visc @ 100°C	cSt	█ 12.5	● 10.6	---	---
Base Number (BN)	mg KOH/g	7.4	---	---	---
Oxidation (PA)	%	55	50	---	---

### CONTAMINATION

Water	%	NEG	NEG	---	---
Soot %	%	█ 0.2	█ 0.2	---	---
Nitration (PA)	%	49	47	---	---
Sulfation (PA)	%	55	51	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	<1.0	█ 1.4	---	---
Silicon	ppm	█ 11	█ 10	---	---
Sodium	ppm	█ 1	█ 1	---	---
Potassium	ppm	█ 3	█ 1	---	---

### 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 no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

### WEAR METALS

Iron	ppm	█ 10	█ 7	---	---
Copper	ppm	█ 3	█ 1	---	---
Lead	ppm	█ <1	█ <1	---	---
Tin	ppm	█ <1	█ <1	---	---
Aluminum	ppm	█ 2	█ 2	---	---
Chromium	ppm	█ <1	█ <1	---	---
Molybdenum	ppm	█ 96	█ 99	---	---
Nickel	ppm	█ <1	█ <1	---	---
Titanium	ppm	█ 2	█ <1	---	---
Silver	ppm	█ <1	0	---	---
Manganese	ppm	█ <1	█ <1	---	---
Vanadium	ppm	<1	<1	---	---

### ADDITIVES

Calcium	ppm	█ 1394	█ 1375	---	---
Magnesium	ppm	█ 419	█ 586	---	---
Zinc	ppm	█ 1103	█ 842	---	---
Phosphorus	ppm	█ 769	█ 715	---	---
Barium	ppm	█ 1	█ 0	---	---
Boron	ppm	█ 383	█ 251	---	---

Depot: VP705283  
Unique No: 11116245  
Signed: Doug Bogart  
Report Date: 10 Jul 2024

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# VOLVO PENTA

## GRAPHS

