

OIL ANALYSIS REPORT

**VOLVO
PENTA**

KOHLER 483787 - GENSET

Sample No: VPA048648

Oil Type: DIESEL ENGINE OIL SAE 15W40

SAMPLE INFORMATION

Sample Number	VPA048648	---	---	---
Sample Date	11 Aug 2023	---	---	---
Machine Hours	1888	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

SUNCOAST DIESEL MARINE

6341 PORTER ROAD, SUITE 6
SARASOTA, FL
US 34240
Contact: JOSHUA
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OIL CONDITION

Visc @ 100°C	cSt	█ 13.6	---	---	---
Base Number (BN)	mg KOH/g	█ 8.2	---	---	---
Oxidation (PA)	%	32	---	---	---

CONTAMINATION

Soot %	%	█ 0	---	---	---
Nitration (PA)	%	32	---	---	---
Sulfation (PA)	%	37	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 11	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 1	---	---	---

WEAR METALS

Iron	ppm	█ 2	---	---	---
Copper	ppm	█ 5	---	---	---
Lead	ppm	█ 6	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 100	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 2670	---	---	---
Magnesium	ppm	█ 73	---	---	---
Zinc	ppm	█ 1244	---	---	---
Phosphorus	ppm	█ 1066	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 31	---	---	---

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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.

Depot: VP705283
Unique No: 10603832
Signed: Don Baldrige
Report Date: 15 Aug 2023

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GRAPHS

