

OIL ANALYSIS REPORT

VOLVO PENTA

3TNE78AC-KH - GENSET

Sample No: VPA027043

Oil Type: DIESEL ENGINE OIL SAE 15W40

SAMPLE INFORMATION

Sample Number	VPA027043	---	---	---
Sample Date	29 Apr 2024	---	---	---
Machine Hours	797	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

BRANDY'S COVE YACHTING CENTRE

105 BRANDY'S ISLAND RD
HONEY HARBOR, ON
CA P0E 1E0

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F:

OIL CONDITION

Visc @ 40°C	cSt	█ 108	---	---	---
Visc @ 100°C	cSt	█ 14.5	---	---	---
Viscosity Index (VI)	Scale	█ 137	---	---	---
Oxidation (PA)	%	80	---	---	---

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DIESEL ENGINE OIL SAE 15W40. Please confirm. 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.

CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0	---	---	---
Nitration (PA)	%	82	---	---	---
Sulfation (PA)	%	58	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 12	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 4	---	---	---

WEAR METALS

Iron	ppm	█ 12	---	---	---
Copper	ppm	█ 4	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 8	---	---	---
Molybdenum	ppm	█ 20	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 1606	---	---	---
Magnesium	ppm	█ 516	---	---	---
Zinc	ppm	█ 1149	---	---	---
Phosphorus	ppm	█ 978	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 83	---	---	---

Depot: BRAHON

Unique No: 5774079

Signed: Kevin Marson

Report Date: 02 May 2024

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GRAPHS

