

OIL ANALYSIS REPORT

VOLVO PENTA

ESERNIA 690-42 CUMMINS/ONAN L200855076 - GENSET

Sample No: VPA059886

Oil Type: NOT GIVEN

SAMPLE INFORMATION

Sample Number	VPA059886	---	---	---
Sample Date	07 Nov 2023	---	---	---
Machine Hours	225	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

Outstanding Marine

PO Box 274
GALENA, MD
US 21635
Contact: Ronda Bolinger
rlwb@verizon.net
T:
F:

OIL CONDITION

Visc @ 100°C	cSt	█ 13.0	---	---	---
Base Number (BN)	mg KOH/g	█ 7.6	---	---	---
Oxidation (PA)	%	73	---	---	---

CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	72	---	---	---
Sulfation (PA)	%	55	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 24	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 3	---	---	---

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.

WEAR METALS

Iron	ppm	█ 10	---	---	---
Copper	ppm	█ 64	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	55	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	1397	---	---	---
Magnesium	ppm	717	---	---	---
Zinc	ppm	932	---	---	---
Phosphorus	ppm	756	---	---	---
Barium	ppm	6	---	---	---
Boron	ppm	39	---	---	---

Depot: VP153685
Unique No: 10764028
Signed: Don Baldrige
Report Date: 01 Dec 2023

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GRAPHS

