

OIL ANALYSIS REPORT

VOLVO PENTA

MARINE MAX PACKER FAN 14093 MORINENN LIGHTS 8442-49900 - GENSET

Sample No: VPA056616

Oil Type: NOT GIVEN

SAMPLE INFORMATION

Sample Number	VPA056616	---	---	---
Sample Date	20 Jun 2023	---	---	---
Machine Hours	15620	---	---	---
Oil Hours	173	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

OIL CONDITION

Visc @ 100°C	cSt	█ 13.9	---	---	---
Base Number (BN)	mg KOH/g	9.6	---	---	---
Oxidation (PA)	%	73	---	---	---

CONTAMINATION

Soot %	%	█ 0.2	---	---	---
Nitration (PA)	%	63	---	---	---
Sulfation (PA)	%	58	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	< 1.0	---	---	---
Silicon	ppm	█ 8	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 0	---	---	---

WEAR METALS

Iron	ppm	█ 2	---	---	---
Copper	ppm	█ 0	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	42	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	1142	---	---	---
Magnesium	ppm	742	---	---	---
Zinc	ppm	816	---	---	---
Phosphorus	ppm	637	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	39	---	---	---

PARTS & POWER

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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: VP981217
Unique No: 10540008
Signed: Angela Borella
Report Date: 06 Jul 2023

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GRAPHS

