

OIL ANALYSIS REPORT

VOLVO PENTA

MOSHE BEGIM TOM VOLVO PENTA 3020291358 - STERNDRIVE - STARBOARD GEARBOX

Sample No: VPA051159

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA051159	VPA031851	---	---
Sample Date	08 Jan 2024	11 Aug 2020	---	---
Machine Hours	643	395	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Changd	Not Changd	---	---
Sample Status	SEVERE	ATTENTION	---	---

OIL CONDITION

Visc @ 40°C	cSt	█ 111	█ 104	---	---
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CONTAMINATION

Water	%	🔴 2.86	NEG	---	---
Silicon	ppm	█ 5	█ 3	---	---
Sodium	ppm	█ 240	█ 73	---	---
Potassium	ppm	█ 12	█ 4	---	---

WEAR METALS

PQ		█ 23	█ 19	---	---
Iron	ppm	▲ 188	▲ 178	---	---
Copper	ppm	█ 2	█ 2	---	---
Lead	ppm	█ <1	█ 0	---	---
Tin	ppm	█ 2	█ 0	---	---
Aluminum	ppm	█ 5	█ 7	---	---
Chromium	ppm	█ 2	2	---	---
Molybdenum	ppm	█ 0	█ 0	---	---
Nickel	ppm	█ 3	2	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 2	█ 3	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	█ 35	█ 12	---	---
Magnesium	ppm	█ 47	█ 8	---	---
Zinc	ppm	█ 27	█ 30	---	---
Phosphorus	ppm	█ 1546	█ 1323	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 257	█ 249	---	---

ADMIRALTY MARINE

2775 KURTZ ST, STE 12

SAN DIEGO, CA

US 92110

Contact: Terry Albee

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T:

F:

Diagnosis

We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. Gear wear is indicated. Appearance is milky. There is a high concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

Depot: VP151529

Unique No: 10822028

Signed: Jonathan Hester

Report Date: 11 Jan 2024

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GRAPHS

