

OIL ANALYSIS REPORT

VOLVO PENTA

VOLVO PENTA 51220271642 - STARBOARD GEARBOX

Sample No: VPA056105

Oil Type: DEXRON III

SAMPLE INFORMATION

Sample Number	VPA056105	VPA035502	---	---
Sample Date	27 Jul 2023	26 Aug 2020	---	---
Machine Hours	387	295	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---

SUNCOAST DIESEL MARINE

6341 PORTER ROAD, SUITE 6
SARASOTA, FL
US 34240
Contact: SERVICE MANAGER
info@suncoastdmi.com
T: (941)342-0033
F:

OIL CONDITION

Visc @ 40°C	cSt	█ 26.3	█ 25.07	---	---
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CONTAMINATION

Silicon	ppm	█ 2	5	---	---
Sodium	ppm	█ <1	█ 1	---	---
Potassium	ppm	█ <1	█ 0	---	---

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 condition of the oil is acceptable for the time in service.

WEAR METALS

PQ		█ 19	█ 29	---	---
Iron	ppm	█ 16	█ 34	---	---
Copper	ppm	█ 21	█ 26	---	---
Lead	ppm	█ 18	59	---	---
Tin	ppm	█ <1	<1	---	---
Aluminum	ppm	█ <1	2	---	---
Chromium	ppm	█ 0	█ <1	---	---
Molybdenum	ppm	█ 2	█ 0	---	---
Nickel	ppm	█ 0	█ <1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ <1	█ <1	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	█ 159	█ 74	---	---
Magnesium	ppm	█ 46	█ <1	---	---
Zinc	ppm	█ 60	█ 14	---	---
Phosphorus	ppm	█ 224	█ 190	---	---
Barium	ppm	█ 0	█ 3	---	---
Boron	ppm	█ 55	█ 90	---	---

Depot: VP705283
Unique No: 10580378
Signed: Sean Felton
Report Date: 03 Aug 2023

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GRAPHS

