

OIL ANALYSIS REPORT

VOLVO PENTA

HUNT VOLVO PENTA 3950006050 - PORT IPS

Sample No: VPA058022

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA058022	VPA037802	VPA047465	---
Sample Date	18 Apr 2024	01 Dec 2022	09 May 2022	---
Machine Hours	488	208	132	---
Oil Hours	0	0	0	---
Oil Changed	Not Changd	N/A	N/A	---
Sample Status	NORMAL	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	█ 110	█ 114.5	90.0	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	4	3	7	---
Sodium	ppm	█ 16	█ 5	█ 4	---
Potassium	ppm	█ 1	█ <1	█ 6	---

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		█ 21	█ 15	█ 24	---
Iron	ppm	█ 59	█ 21	█ 34	---
Copper	ppm	█ 11	4	6	---
Lead	ppm	0	<1	1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	2	1	3	---
Chromium	ppm	█ <1	█ <1	█ <1	---
Molybdenum	ppm	█ 0	█ <1	█ <1	---
Nickel	ppm	█ 0	█ <1	█ <1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	<1	---
Manganese	ppm	█ 5	█ 2	█ 5	---
Vanadium	ppm	0	0	0	---

ADDITIVES

Calcium	ppm	█ 9	█ 14	█ 37	---
Magnesium	ppm	98	█ 107	█ 956	---
Zinc	ppm	█ 13	█ 13	█ 6	---
Phosphorus	ppm	█ 1386	█ 1228	█ 1656	---
Barium	ppm	█ 0	█ 0	█ 0	---
Boron	ppm	█ 249	█ 334	█ 546	---

Depot: VP705283
Unique No: 10994847
Signed: Jonathan Hester
Report Date: 26 Apr 2024

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GRAPHS

