

OIL ANALYSIS REPORT

VOLVO PENTA

BERNARD GOODIN 3723/PB55-15 VOLVO PENTA 3950003090 - STARBOARD IPS

Sample No: VPA053512

Oil Type: VOLVO API GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA053512	VPA047605	---	---
Sample Date	11 Apr 2024	30 May 2023	---	---
Machine Hours	701	663	---	---
Oil Hours	0	200	---	---
Oil Changed	Changed	Not Changd	---	---
Sample Status	ATTENTION	NORMAL	---	---

GRAND BANKS

450 SW SALEM RD

STUART, FL

US 34994

Contact: ROBERT ANTONA

roberta@gbmarinegroup.com

T: (609)384-5290

F:

OIL CONDITION

Visc @ 40°C	cSt	█ 104	105	---	---
-------------	-----	-------	-----	-----	-----

CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	4	8	---	---
Sodium	ppm	█ 30	█ 19	---	---
Potassium	ppm	█ <1	█ 0	---	---

WEAR METALS

PQ		█ 24	█ 28	---	---
Iron	ppm	● 225	█ 134	---	---
Copper	ppm	█ 28	█ 20	---	---
Lead	ppm	0	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	3	4	---	---
Chromium	ppm	█ 1	█ <1	---	---
Molybdenum	ppm	█ <1	█ 0	---	---
Nickel	ppm	█ 0	█ <1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 9	█ 5	---	---
Vanadium	ppm	<1	0	---	---

ADDITIVES

Calcium	ppm	█ 7	█ 27	---	---
Magnesium	ppm	█ 12	█ 20	---	---
Zinc	ppm	█ 113	█ 84	---	---
Phosphorus	ppm	█ 1240	█ 1203	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 246	█ 269	---	---

Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VP531377

Unique No: 10990207

Signed: Don Baldrige

Report Date: 23 Apr 2024

OIL ANALYSIS REPORT

GRAPHS

