

OIL ANALYSIS REPORT

VOLVO PENTA

DAN SMALLEY EBSO-SX VOLVO PENTA 395000 1455 - STARBOARD IPS

Sample No: VPA047324

Oil Type: VOLVO API GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA047324	VPA041385	---	---
Sample Date	27 Jul 2023	09 Feb 2023	---	---
Machine Hours	1294	1475	---	---
Oil Hours	100	75	---	---
Oil Changed	Not Changd	Not Changd	---	---
Sample Status	NORMAL	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	106.2	106	---	---
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CONTAMINATION

Silicon	ppm	2	4	---	---
Sodium	ppm	4	3	---	---
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		12	16	---	---
Iron	ppm	50	35	---	---
Copper	ppm	5	3	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	2	0	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	<1	0	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	8	10	---	---
Magnesium	ppm	3	0	---	---
Zinc	ppm	22	0	---	---
Phosphorus	ppm	1419	1374	---	---
Barium	ppm	2	0	---	---
Boron	ppm	319	353	---	---

Depot: VP531377

Unique No: 10577071

Signed: Jonathan Hester

Report Date: 28 Jul 2023

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GRAPHS

