

OIL ANALYSIS REPORT

VOLVO PENTA

3549/55-28 VOLVO PENTA 3950006169 - STARBOARD IPS

Sample No: VPA054153
Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA054153	VPA050517	---	---
Sample Date	20 May 2024	30 Oct 2023	---	---
Machine Hours	229	223	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
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	99.5	114	---	---
-------------	-----	-------------	-----	-----	-----

CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	4	2	---	---
Sodium	ppm	1	2	---	---
Potassium	ppm	5	0	---	---

WEAR METALS

PQ		17	14	---	---
Iron	ppm	40	16	---	---
Copper	ppm	5	6	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	1	<1	---	---
Chromium	ppm	<1	0	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	3	<1	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	19	67	---	---
Magnesium	ppm	560	8	---	---
Zinc	ppm	6	29	---	---
Phosphorus	ppm	1533	1304	---	---
Barium	ppm	0	0	---	---
Boron	ppm	429	296	---	---

Diagnosis

Resample at the next service interval to monitor. Metal levels are typical for a new component breaking in. 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: 11060483
Signed: Sean Felton
Report Date: 05 Jun 2024

OIL ANALYSIS REPORT

VOLVO PENTA

GRAPHS

