

OIL ANALYSIS REPORT



58 VANQUIS VOLVO PENTA 3950005979 - PORT IPS

Sample No: VPA049948
Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA049948	VPA045295	VPA035342	---
Sample Date	02 May 2024	30 Aug 2022	06 Oct 2021	---
Machine Hours	2023	1380	880	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Not Changd	N/A	---
Sample Status	NORMAL	NORMAL	NORMAL	---

Marine International Diesels Inc.
 3600 HACIENDA BLVD UNIT G
 DAVIE, FL
 US 33314
 Contact: ASHANTI BURKE
 aburke@midiflorida.com
 T: (954)761-1086
 F: (954)761-1186

OIL CONDITION

Visc @ 40°C	cSt	104	108	101	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	3	1	3	---
Sodium	ppm	3	<1	10	---
Potassium	ppm	3	0	4	---

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	11	21	---
Iron	ppm	44	29	57	---
Copper	ppm	5	4	6	---
Lead	ppm	0	<1	1	---
Tin	ppm	0	<1	0	---
Aluminum	ppm	1	2	3	---
Chromium	ppm	0	<1	<1	---
Molybdenum	ppm	0	0	<1	---
Nickel	ppm	0	0	1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	2	1	4	---
Vanadium	ppm	0	0	0	---

ADDITIVES

Calcium	ppm	13	7	12	---
Magnesium	ppm	44	6	107	---
Zinc	ppm	6	4	8	---
Phosphorus	ppm	1402	1379	1337	---
Barium	ppm	0	0	0	---
Boron	ppm	286	332	288	---

Depot: VP694356
Unique No: 11099762
Signed: Angela Borella
Report Date: 28 Jun 2024

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VOLVO PENTA

GRAPHS

