

OIL ANALYSIS REPORT



WAJER 55 VOLVO PENTA 3200001639 - CENTER IPS

Sample No: VPA041569

Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA041569	VPA049912	VPA046450	---
Sample Date	02 Apr 2024	17 Oct 2023	21 Dec 2022	---
Machine Hours	0	520	437	---
Oil Hours	0	0	0	---
Oil Changed	Not Changd	N/A	N/A	---
Sample Status	NORMAL	NORMAL	NORMAL	---

Marine International Diesels Inc.

3600 HACIENDA BLVD UNIT G
 DAVIE, FL
 US 33314
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OIL CONDITION

Visc @ 40°C	cSt	█ 100	█ 101	█ 103	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	█ 3	█ 4	█ 0	---
Sodium	ppm	█ 8	█ 3	█ 3	---
Potassium	ppm	█ 1	█ 4	█ 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 suitable for further service.

WEAR METALS

PQ		█ 26	█ 16	█ 11	---
Iron	ppm	█ 104	█ 76	█ 37	---
Copper	ppm	█ 32	█ 26	█ 9	---
Lead	ppm	█ 0	<1	█ 0	---
Tin	ppm	█ 0	█ 0	█ 0	---
Aluminum	ppm	█ 3	█ 2	<1	---
Chromium	ppm	█ <1	█ <1	█ 0	---
Molybdenum	ppm	█ <1	█ <1	█ 0	---
Nickel	ppm	█ 2	█ 2	█ 0	---
Titanium	ppm	█ 0	<1	█ 0	---
Silver	ppm	█ 0	█ 0	█ 0	---
Manganese	ppm	█ 5	█ 3	█ 2	---
Vanadium	ppm	█ 0	█ 0	█ 0	---

ADDITIVES

Calcium	ppm	█ 41	█ 17	█ 23	---
Magnesium	ppm	█ 52	█ 37	█ 70	---
Zinc	ppm	█ 153	█ 50	█ 17	---
Phosphorus	ppm	█ 1417	█ 1366	█ 1362	---
Barium	ppm	█ <1	█ 10	█ 0	---
Boron	ppm	█ 209	█ 217	█ 327	---

Depot: VP694356
 Unique No: 10970249
 Signed: Don Baldrige
 Report Date: 16 Apr 2024

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GRAPHS

