

OIL ANALYSIS REPORT

VOLVO PENTA

WAJER 55 VOLVO PENTA 3200001640 - STARBOARD IPS

Sample No: VPA014567

Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA014567	VPA049901	---	---
Sample Date	02 Apr 2024	17 Oct 2023	---	---
Machine Hours	0	520	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Changd	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---

OIL CONDITION

Visc @ 40°C	cSt	█ 102	█ 102	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	0	2	---	---
Sodium	ppm	█ 6	█ 2	---	---
Potassium	ppm	█ 6	█ 7	---	---

WEAR METALS

PQ		█ 20	█ 15	---	---
Iron	ppm	█ 111	█ 80	---	---
Copper	ppm	█ 35	█ 28	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	2	2	---	---
Chromium	ppm	█ <1	█ <1	---	---
Molybdenum	ppm	█ 1	█ 2	---	---
Nickel	ppm	█ 2	█ 2	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 6	█ 6	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	█ 31	█ 31	---	---
Magnesium	ppm	11	█ 12	---	---
Zinc	ppm	█ 25	█ 22	---	---
Phosphorus	ppm	█ 1490	█ 1463	---	---
Barium	ppm	█ 0	█ 9	---	---
Boron	ppm	█ 297	█ 333	---	---

Marine International Diesels Inc.

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DAVIE, FL
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Diagnosis

No corrective action is recommended at this time. 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.

Depot: VP694356
Unique No: 10970248
Signed: Sean Felton
Report Date: 15 Apr 2024

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GRAPHS

