

OIL ANALYSIS REPORT

VOLVO PENTA

MARITIMO 50 VOLVO PENTA 7011349785 - PORT DIESEL ENGINE

Sample No: VPA059935

Oil Type: DIESEL ENGINE OIL SAE 15W40

SAMPLE INFORMATION

Sample Number	VPA059935	---	---	---
Sample Date	21 Mar 2024	---	---	---
Machine Hours	1081	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

Marine International Diesels Inc.

3600 HACIENDA BLVD UNIT G
DAVIE, FL
US 33314
Contact: ASHANTI BURKE
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OIL CONDITION

Visc @ 100°C	cSt	█ 12.9	---	---	---
Base Number (BN)	mg KOH/g	█ 10.0	---	---	---
Oxidation (PA)	%	53	---	---	---

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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	41	---	---	---
Sulfation (PA)	%	50	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	< 1.0	---	---	---
Silicon	ppm	█ 2	---	---	---
Sodium	ppm	█ < 1	---	---	---
Potassium	ppm	█ 0	---	---	---

WEAR METALS

Iron	ppm	█ 3	---	---	---
Copper	ppm	█ 7	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ < 1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 54	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	< 1	---	---	---

ADDITIVES

Calcium	ppm	█ 990	---	---	---
Magnesium	ppm	█ 904	---	---	---
Zinc	ppm	█ 1134	---	---	---
Phosphorus	ppm	█ 965	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ < 1	---	---	---

Depot: VP694356
Unique No: 10943349
Signed: Don Baldrige
Report Date: 28 Mar 2024

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GRAPHS

