

OIL ANALYSIS REPORT

VOLVO PENTA

VOLVO PENTA A240181 - PORT DIESEL ENGINE

Sample No: VPA036259

Oil Type: VOLVO PENTA SAE 15W40

SAMPLE INFORMATION

Sample Number	VPA036259	VPA030323	---	---
Sample Date	29 Nov 2023	24 Jan 2020	---	---
Machine Hours	886	461	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---

SUNCOAST DIESEL MARINE

6341 PORTER ROAD, SUITE 6
SARASOTA, FL
US 34240
Contact: SERVICE MANAGER
info@suncoastdmi.com
T: (941)342-0033
F:

OIL CONDITION

Visc @ 100°C	cSt	█ 13.94	█ 13.81	---	---
Oxidation (PA)	%	53	55	---	---

CONTAMINATION

Water	%	NEG	NEG	---	---
Soot %	%	█ 0.2	█ 0.2	---	---
Nitration (PA)	%	41	46	---	---
Sulfation (PA)	%	52	51	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	<1.0	<1.0	---	---
Silicon	ppm	█ 6	█ 5	---	---
Sodium	ppm	█ 1	█ 3	---	---
Potassium	ppm	█ <1	█ 0	---	---

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.

WEAR METALS

Iron	ppm	█ 7	█ 11	---	---
Copper	ppm	█ 2	█ 4	---	---
Lead	ppm	█ <1	█ <1	---	---
Tin	ppm	█ 0	█ 0	---	---
Aluminum	ppm	█ 4	█ 2	---	---
Chromium	ppm	█ <1	█ <1	---	---
Molybdenum	ppm	█ 56	█ 56	---	---
Nickel	ppm	█ <1	█ 2	---	---
Titanium	ppm	█ 0	█ <1	---	---
Silver	ppm	█ 0	█ 0	---	---
Manganese	ppm	█ 0	█ <1	---	---
Vanadium	ppm	<1	0	---	---

ADDITIVES

Calcium	ppm	█ 1129	█ 1055	---	---
Magnesium	ppm	1067	970	---	---
Zinc	ppm	█ 1375	█ 1121	---	---
Phosphorus	ppm	█ 1130	█ 1008	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ <1	█ 5	---	---

Depot: VP705283
Unique No: 10766431
Signed: Doug Bogart
Report Date: 30 Nov 2023

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GRAPHS

