

OIL ANALYSIS REPORT

VOLVO PENTA

BRIAN BREMAN TOM VOLVO PENTA 7011357637 - PORT DIESEL ENGINE

Sample No: VPA036576
Oil Type: VOLVO PENTA SAE 15W40

SAMPLE INFORMATION

Sample Number	VPA036576	---	---	---
Sample Date	10 Jan 2024	---	---	---
Machine Hours	393	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

ADMIRALTY MARINE
2775 KURTZ ST, STE 12
SAN DIEGO, CA
US 92110
Contact: Terry Albee
TALBEE@ADMIRALTYMARINE.NET
T:
F:

OIL CONDITION

Visc @ 100°C	cSt	█ 12.6	---	---	---
Base Number (BN)	mg KOH/g	█ 9.3	---	---	---
Oxidation (PA)	%	58	---	---	---

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 acceptable for the time in service.

CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	45	---	---	---
Sulfation (PA)	%	56	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	< 1.0	---	---	---
Silicon	ppm	█ 11	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 2	---	---	---

WEAR METALS

Iron	ppm	█ 7	---	---	---
Copper	ppm	█ 22	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 87	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 1226	---	---	---
Magnesium	ppm	█ 799	---	---	---
Zinc	ppm	█ 1048	---	---	---
Phosphorus	ppm	█ 895	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	159	---	---	---

Depot: VP151529
Unique No: 10831286
Signed: Don Baldrige
Report Date: 16 Jan 2024

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GRAPHS

