

OIL ANALYSIS REPORT

VOLVO PENTA

FREE TRADE 255 VOLVO PENTA 2013913643 - PORT DIESEL ENGINE

Sample No: VPA062994
Oil Type: VOLVO PENTA SAE 15W40

SAMPLE INFORMATION

Sample Number	VPA062994	VPA041422	---	---
Sample Date	28 May 2024	15 Jun 2023	---	---
Machine Hours	0	526	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---

OIL CONDITION

Visc @ 100°C	cSt	█ 13.3	█ 13.2	---	---
Base Number (BN)	mg KOH/g	█ 9.3	█ 9.8	---	---
Oxidation (PA)	%	60	63	---	---

CONTAMINATION

Water	%	NEG	NEG	---	---
Soot %	%	█ 0.4	█ 0.4	---	---
Nitration (PA)	%	67	66	---	---
Sulfation (PA)	%	55	57	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	<1.0	<1.0	---	---
Silicon	ppm	█ 3	█ 5	---	---
Sodium	ppm	█ <1	█ 2	---	---
Potassium	ppm	█ 3	█ 3	---	---

WEAR METALS

Iron	ppm	█ 7	█ 8	---	---
Copper	ppm	█ 8	█ 1	---	---
Lead	ppm	█ <1	█ 0	---	---
Tin	ppm	█ <1	█ <1	---	---
Aluminum	ppm	█ 2	█ <1	---	---
Chromium	ppm	█ <1	█ 0	---	---
Molybdenum	ppm	█ 67	█ 65	---	---
Nickel	ppm	█ 0	█ 0	---	---
Titanium	ppm	█ 0	█ 0	---	---
Silver	ppm	█ 0	█ 0	---	---
Manganese	ppm	█ 0	█ 0	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	█ 1095	█ 1213	---	---
Magnesium	ppm	1002	1070	---	---
Zinc	ppm	█ 1313	█ 1407	---	---
Phosphorus	ppm	█ 967	█ 1134	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 6	█ 0	---	---

Marine International Diesels Inc.
3600 HACIENDA BLVD UNIT G
DAVIE, FL
US 33314
Contact: JEF BURKE
midijef@gmail.com;canastasio@wearcheckusa.com
T:
F:

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.

Depot: VP694356
Unique No: 11099173
Signed: Don Baldrige
Report Date: 27 Jun 2024

OIL ANALYSIS REPORT

VOLVO PENTA

GRAPHS

