

OIL ANALYSIS REPORT

VOLVO PENTA

JOSE SOLER 532705 VOLVO PENTA A1165141 - PORT DIESEL ENGINE

Sample No: VPA056825

Oil Type: VOLVO PENTA SAE 15W40

SAMPLE INFORMATION

Sample Number	VPA056825	VPA046664	---	---
Sample Date	03 Jul 2023	13 Sep 2022	---	---
Machine Hours	159	39	---	---
Oil Hours	159	39	---	---
Oil Changed	Changed	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---

Jas Marine Service Inc
3131 SW 2Nd Ave.
FORT LAUDERDALE, FL
US 33315
Contact: JASON TOLEDO
jason@jasmarine.com
T: (954)462-1112
F:

OIL CONDITION

Visc @ 100°C	cSt	█ 13.2	█ 13.6	---	---
Base Number (BN)	mg KOH/g	█ 8.7	█ 9.3	---	---
Oxidation (PA)	%	45	39	---	---

CONTAMINATION

Soot %	%	█ 0.7	█ 0.2	---	---
Nitration (PA)	%	50	38	---	---
Sulfation (PA)	%	51	47	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	<1.0	<1.0	---	---
Silicon	ppm	█ 25	█ 20	---	---
Sodium	ppm	█ 3	█ <1	---	---
Potassium	ppm	█ 4	█ <1	---	---

WEAR METALS

Iron	ppm	█ 63	█ 20	---	---
Copper	ppm	█ 28	█ 18	---	---
Lead	ppm	█ 10	█ 6	---	---
Tin	ppm	█ 4	█ 2	---	---
Aluminum	ppm	█ 14	█ 7	---	---
Chromium	ppm	█ 5	█ 2	---	---
Molybdenum	ppm	█ 8	█ 8	---	---
Nickel	ppm	█ 2	█ <1	---	---
Titanium	ppm	█ <1	█ <1	---	---
Silver	ppm	█ 0	█ <1	---	---
Manganese	ppm	█ 2	█ 1	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	█ 2713	█ 2502	---	---
Magnesium	ppm	█ 65	█ 60	---	---
Zinc	ppm	█ 1054	█ 967	---	---
Phosphorus	ppm	█ 878	█ 815	---	---
Barium	ppm	█ 0	█ 1	---	---
Boron	ppm	█ 43	█ 52	---	---

Diagnosis

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. Metal levels are typical for a new component breaking in. 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.

Depot: VP426065
Unique No: 10550005
Signed: Sean Felton
Report Date: 12 Jul 2023

OIL ANALYSIS REPORT



GRAPHS

