

OIL ANALYSIS REPORT

VOLVO PENTA

DAVID BELL VOLVO PENTA 7009117731 - PORT COOLANT

Sample No: VPA058664
Oil Type: VOLVO COOLANT (GREEN)

SAMPLE INFORMATION

Sample Number	VPA058664	---	---	---
Sample Date	07 Jun 2024	---	---	---
Machine Hours	1948	---	---	---
Sample Status	NORMAL	---	---	---

COOLANT CONDITION

pH	Scale 0-14	■ 7.89	---	---	---
Reserve Alkalinity	Scale 0-20	---	---	---	---
Nitrites	ppm	■ NT	---	---	---
Percentage Glycol	%	■ 43.6	---	---	---
Freezing Point	°C	■ -19	---	---	---

CONTAMINATION

Coolant Appearance	normal	---	---	---
Coolant Color	Yllow	---	---	---

MARINE EVOLUTIONS

6831 HILL PARK DR
LORTON, VA
US 22079
Contact: TIM STAPLES
tim@marineevolutions.com
T: (703)345-0365
F:

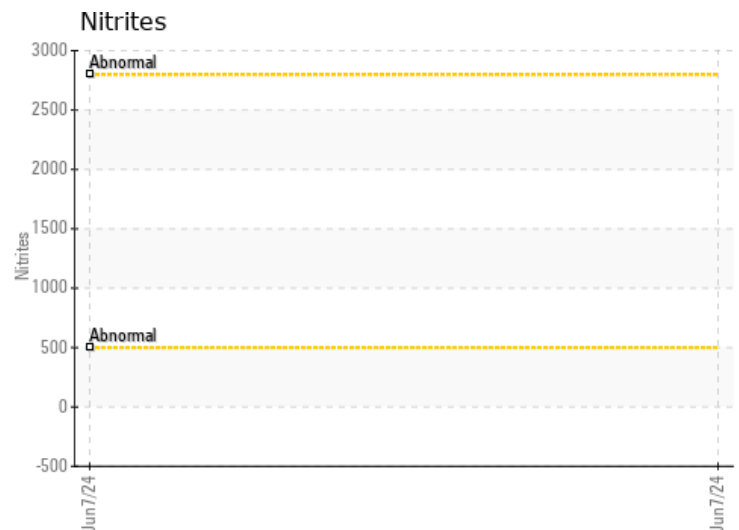
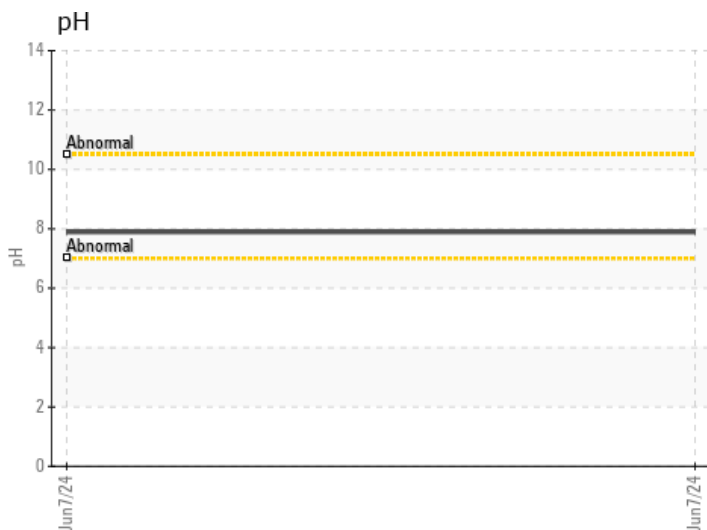
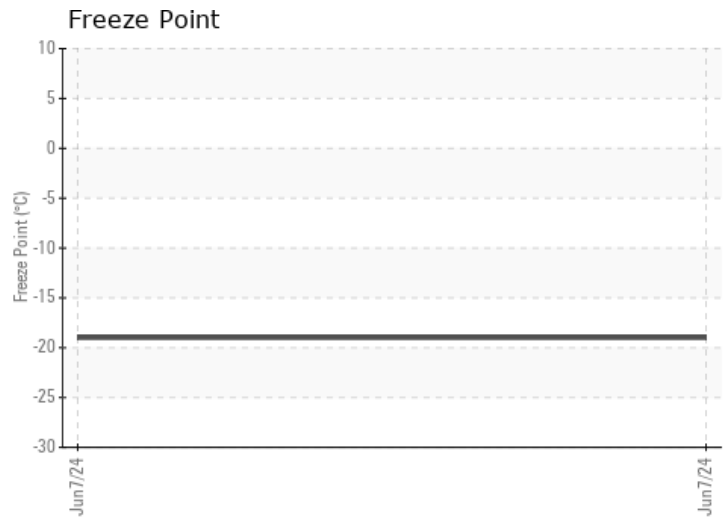
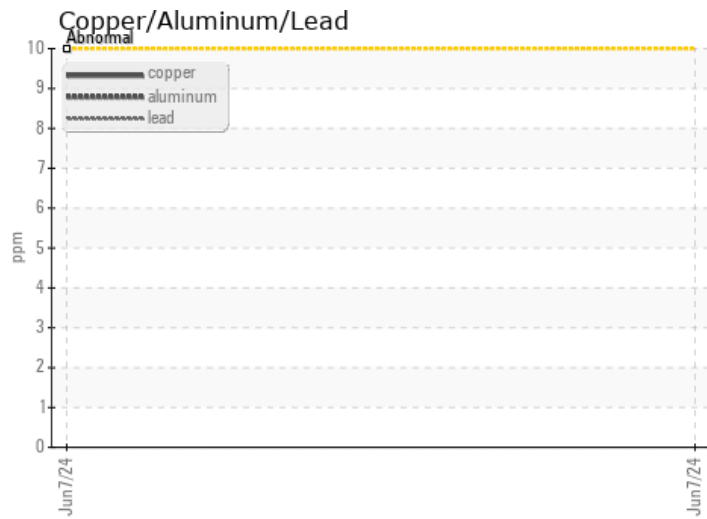
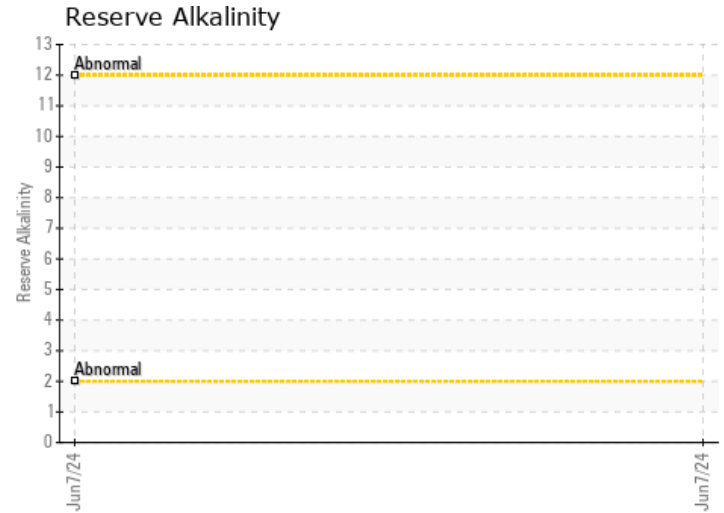
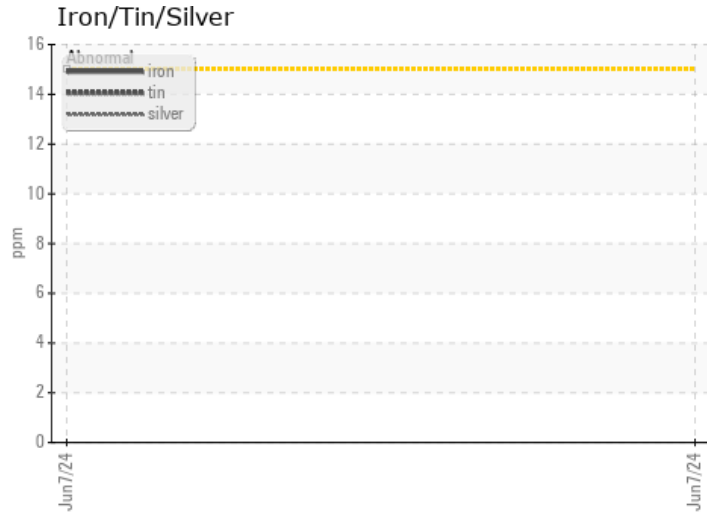
Diagnosis

No corrective action is recommended at this time. The fluid is suitable for further service. There is no indication of any contamination in the coolant. Carboxylate test failed. The glycol level is acceptable. The pH level of this fluid is within the acceptable limits.

OIL ANALYSIS REPORT

VOLVO PENTA

GRAPHS



OIL ANALYSIS REPORT

VOLVO PENTA

DAVID BELL VOLVO PENTA 7009117731 - PORT DIESEL ENGINE

Sample No: VPA058638

Oil Type: SHELL ROTELLA T 15W40

SAMPLE INFORMATION

Sample Number	VPA058638	---	---	---
Sample Date	07 Jun 2024	---	---	---
Machine Hours	1948	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

MARINE EVOLUTIONS

6831 HILL PARK DR
LORTON, VA
US 22079
Contact: TIM STAPLES
tim@marineevolutions.com
T: (703)345-0365
F:

OIL CONDITION

Visc @ 100°C	cSt	█ 14.1	---	---	---
Base Number (BN)	mg KOH/g	█ 9.5	---	---	---
Oxidation (PA)	%	61	---	---	---

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	---	---	---
Nitration (PA)	%	48	---	---	---
Sulfation (PA)	%	53	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	< 1.0	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 3	---	---	---

WEAR METALS

Iron	ppm	█ 4	---	---	---
Copper	ppm	█ < 1	---	---	---
Lead	ppm	█ < 1	---	---	---
Tin	ppm	█ < 1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ < 1	---	---	---
Molybdenum	ppm	█ 36	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ < 1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	< 1	---	---	---

ADDITIVES

Calcium	ppm	█ 1535	---	---	---
Magnesium	ppm	█ 384	---	---	---
Zinc	ppm	█ 1114	---	---	---
Phosphorus	ppm	█ 967	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 91	---	---	---

Depot: VP446360
Unique No: 11075063
Signed: Angela Borella
Report Date: 14 Jun 2024

OIL ANALYSIS REPORT

VOLVO PENTA

GRAPHS

