OIL ANALYSIS REPORT

VOLVO PENTA

CHRIS MCBRIDE 6634 VOLVO PENTA D4-300I-F A250796 - DIESEL ENGINE

Sample No: VPA060826

Oil Type: {unknown}

SAMPLE INFORMATION

Sample Number		**VPA060826**	---	---	---
Sample Date		**17 Apr 2024**	---	---	---
Machine Hours		**552**	---	---	---
Oil Hours		**0**	---	---	---
Oil Changed		**Not Changd**	---	---	---
Sample Status		**NORMAL**	---	---	---

OIL CONDITION

Visc @ 100°C	cSt	**14.3**	---	---	---
Base Number (BN)	mg KOH/g	**9.6**	---	---	---
Oxidation (PA)	%	**66**	---	---	---

CONTAMINATION

Water	%	**NEG**	---	---	---
Soot %	%	**0.1**	---	---	---
Nitration (PA)	%	**51**	---	---	---
Sulfation (PA)	%	**56**	---	---	---
Glycol	%	**NEG**	---	---	---
Fuel	%	**<1.0**	---	---	---
Silicon	ppm	**7**	---	---	---
Sodium	ppm	**4**	---	---	---
Potassium	ppm	**2**	---	---	---

WEAR METALS

Iron	ppm	**9**	---	---	---
Copper	ppm	**1**	---	---	---
Lead	ppm	**0**	---	---	---
Tin	ppm	**<1**	---	---	---
Aluminum	ppm	**7**	---	---	---
Chromium	ppm	**<1**	---	---	---
Molybdenum	ppm	**43**	---	---	---
Nickel	ppm	**<1**	---	---	---
Titanium	ppm	**<1**	---	---	---
Silver	ppm	**0**	---	---	---
Manganese	ppm	**<1**	---	---	---
Vanadium	ppm	**<1**	---	---	---

ADDITIVES

Calcium	ppm	**1144**	---	---	---
Magnesium	ppm	**755**	---	---	---
Zinc	ppm	**866**	---	---	---
Phosphorus	ppm	**708**	---	---	---
Barium	ppm	**<1**	---	---	---
Boron	ppm	**55**	---	---	---

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T:
F:

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.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 suitable for further service.

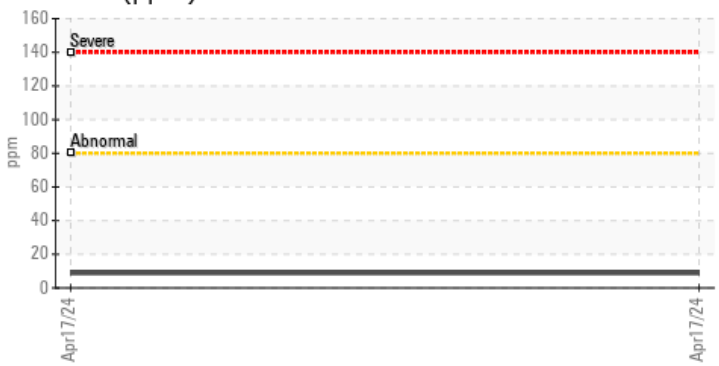
Depot: VP759009
Unique No: 10992075
Signed: Sean Felton
Report Date: 24 Apr 2024

OIL ANALYSIS REPORT

VOLVO PENTA

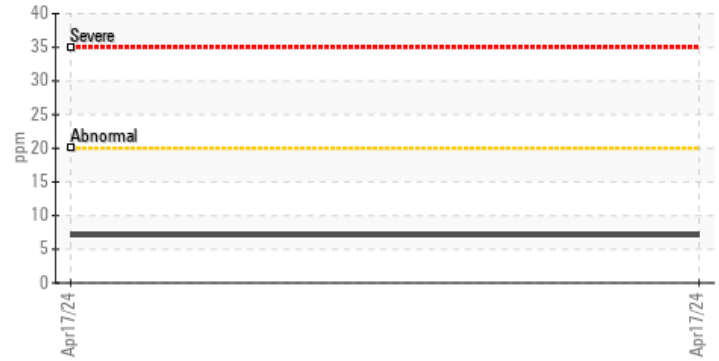
GRAPHS

Iron (ppm)

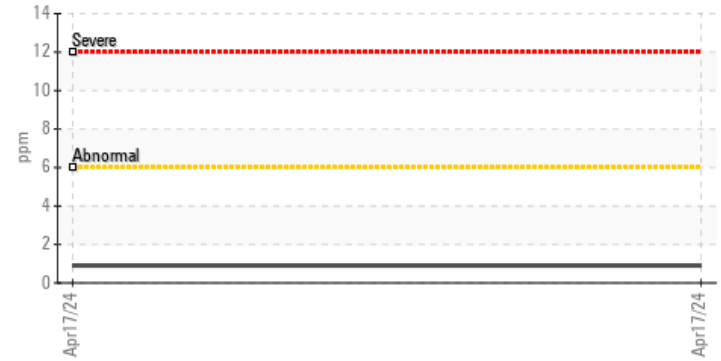


Lead (ppm)

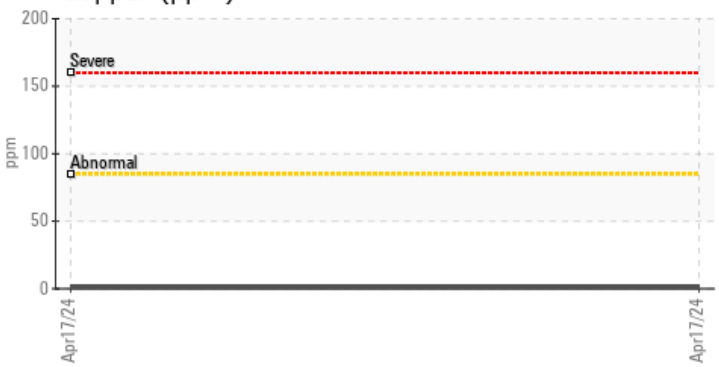
Aluminum (ppm)



Chromium (ppm)

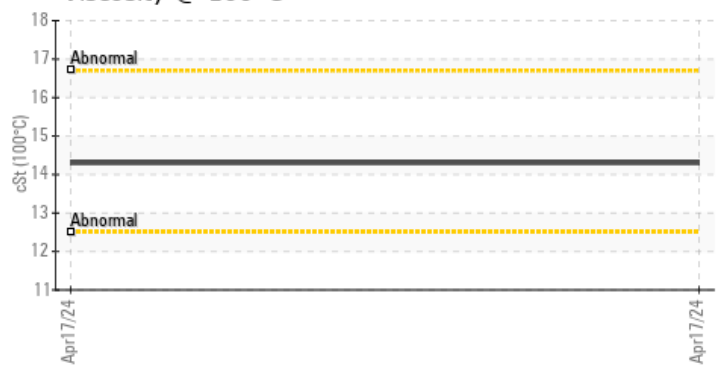


Copper (ppm)



Silicon (ppm)

Viscosity @ 100°C



Base Number