

OIL ANALYSIS REPORT



SITN PRETTY 13100 VOLVO PENTA 2006008905 - PORT DIESEL ENGINE

Sample No: VPA046372
Oil Type: VOLVO PENTA SAE 15W40

SAMPLE INFORMATION

Sample Number	VPA046372	VPA030121	---	---
Sample Date	28 Feb 2023	09 Feb 2022	---	---
Machine Hours	927	0	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 100°C	cSt	█ 13.6	█ 13.6	---	---
Base Number (BN)	mg KOH/g	█ 10.1	█ 10.9	---	---
Oxidation (PA)	%	73	80	---	---

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	NEG	---	---
Soot %	%	█ 0.1	█ 0.1	---	---
Nitration (PA)	%	74	77	---	---
Sulfation (PA)	%	58	61	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	<1.0	<1.0	---	---
Silicon	ppm	█ 5	█ 5	---	---
Sodium	ppm	█ 1	█ 1	---	---
Potassium	ppm	█ 1	█ <1	---	---

WEAR METALS

Iron	ppm	█ 3	█ 5	---	---
Copper	ppm	█ 4	█ 6	---	---
Lead	ppm	█ 2	█ 3	---	---
Tin	ppm	█ <1	█ <1	---	---
Aluminum	ppm	█ <1	█ 1	---	---
Chromium	ppm	█ <1	█ <1	---	---
Molybdenum	ppm	█ 53	█ 57	---	---
Nickel	ppm	█ <1	█ 2	---	---
Titanium	ppm	█ <1	█ 0	---	---
Silver	ppm	█ 2	█ 0	---	---
Manganese	ppm	█ 1	█ <1	---	---
Vanadium	ppm	<1	0	---	---

ADDITIVES

Calcium	ppm	█ 1078	█ 1102	---	---
Magnesium	ppm	█ 931	█ 970	---	---
Zinc	ppm	█ 1242	█ 1282	---	---
Phosphorus	ppm	█ 965	█ 1066	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ <1	█ 5	---	---

Depot: VP1080862
Unique No: 10370570
Signed: Sean Felton
Report Date: 09 Mar 2023

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VOLVO PENTA

GRAPHS

