

OIL ANALYSIS REPORT

VOLVO PENTA

UNPLUGGED MERCUISER OW017327 - PORT GASOLINE ENGINE

Sample No: VPA036921
Oil Type: QUICKSILVER 25W40

SAMPLE INFORMATION

Sample Number	VPA036921	---	---	---
Sample Date	16 Feb 2024	---	---	---
Machine Hours	735	---	---	---
Oil Hours	5	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 100°C	cSt	13.1	---	---	---
Base Number (BN)	mg KOH/g	6.9	---	---	---
Oxidation (PA)	%	18	---	---	---

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 acceptable for the time in service.

CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	0.1	---	---	---
Nitration (PA)	%	9	---	---	---
Sulfation (PA)	%	13	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	18	---	---	---
Sodium	ppm	0	---	---	---
Potassium	ppm	3	---	---	---

WEAR METALS

Iron	ppm	27	---	---	---
Copper	ppm	2	---	---	---
Lead	ppm	5	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	26	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	1428	---	---	---
Magnesium	ppm	14	---	---	---
Zinc	ppm	696	---	---	---
Phosphorus	ppm	562	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	136	---	---	---

Depot: VP1080862
Unique No: 10888083
Signed: Sean Felton
Report Date: 22 Feb 2024

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GRAPHS

