

OIL ANALYSIS REPORT

VOLVO PENTA

CHRIS SLOCUM VOLVO 3940020638 - PORT IPS

Sample No: VPA027911
Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA027911	VPA020231	VPA027876	VPA023360
Sample Date	09 Aug 2023	20 Aug 2020	20 Aug 2019	27 Aug 2018
Machine Hours	533	390	268	184
Oil Hours	533	122	84	184
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

Talley's Pier 77 Marine
 18901 Statesville Rd
 CORNELIUS, NC
 US 28031
 Contact: Billy Talley
 billy@TalleysPier77.com
 T: (704)892-8555
 F: (704)892-6909

OIL CONDITION

Visc @ 40°C	cSt	111	106	106	101.5
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CONTAMINATION

Silicon	ppm	9	12	12	16
Sodium	ppm	1	<1	<1	1
Potassium	ppm	0	<1	0	0

WEAR METALS

PQ		15	21	19	27
Iron	ppm	20	29	29	50
Copper	ppm	3	4	3	6
Lead	ppm	0	<1	<1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	0	<1	<1
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	0	<1	<1	0
Nickel	ppm	0	<1	0	<1
Titanium	ppm	<1	0	0	0
Silver	ppm	0	1	0	0
Manganese	ppm	1	1	1	3
Vanadium	ppm	<1	0	0	<1

ADDITIVES

Calcium	ppm	7	21	6	14
Magnesium	ppm	1	2	8	90
Zinc	ppm	2	1	6	7
Phosphorus	ppm	1399	1306	1249	1315
Barium	ppm	0	0	0	0
Boron	ppm	346	368	267	269

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 condition of the oil is acceptable for the time in service.

Depot: VP303974
Unique No: 10621681
Signed: Don Baldrige
Report Date: 29 Aug 2023

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GRAPHS

