

OIL ANALYSIS REPORT

VOLVO PENTA

DV MARINE VOLVO PENTA 3950001747 - PORT IPS

Sample No: VPA056380

Oil Type: VOLVO API GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA056380	VPA010746	VPA010769	VPA010724
Sample Date	03 Jan 2024	18 May 2022	01 Jun 2020	04 Jun 2019
Machine Hours	1869	1571	1166	900
Oil Hours	0	50	200	150
Oil Changed	Not Changd	Not Changd	Changed	Not Changd
Sample Status	ABNORMAL	NORMAL	NORMAL	NORMAL

FDDA FT PIERCE - POWER CENTER

FORT PIERCE, FL

US

Contact: KYLE GRASER

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OIL CONDITION

Visc @ 40°C	cSt	█ 105.6	107	█ 104	101
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CONTAMINATION

Water	%	█ 0.168	NEG	NEG	NEG
Silicon	ppm	█ 3	6	4	14
Sodium	ppm	█ 3	█ <1	█ 1	█ 1
Potassium	ppm	█ 1	█ <1	█ 1	█ 0

Diagnosis

No corrective action is recommended at this time. We recommend an early resample to monitor this condition. Gear wear is indicated.

There is a trace of moisture present in the oil. The condition of the oil is acceptable for the time in service.

WEAR METALS

PQ		█ 41	█ 33	█ 20	█ 17
Iron	ppm	▲ 295	█ 73	█ 49	█ 30
Copper	ppm	█ 30	5	7	8
Lead	ppm	█ 0	0	<1	0
Tin	ppm	█ 0	0	0	<1
Aluminum	ppm	█ 4	<1	<1	<1
Chromium	ppm	█ 3	█ <1	█ <1	█ <1
Molybdenum	ppm	█ <1	█ <1	█ <1	█ 0
Nickel	ppm	█ 2	█ 0	█ <1	█ 0
Titanium	ppm	<1	0	0	0
Silver	ppm	█ 0	0	0	0
Manganese	ppm	█ 3	█ <1	█ <1	█ <1
Vanadium	ppm	█ 0	0	0	0

ADDITIVES

Calcium	ppm	█ 14	█ 6	█ 7	█ 3
Magnesium	ppm	█ 3	█ 3	█ 2	█ <1
Zinc	ppm	█ 27	█ 9	█ 6	█ 5
Phosphorus	ppm	█ 1355	█ 1534	█ 1309	█ 1205
Barium	ppm	█ 10	█ 0	█ 0	█ 0
Boron	ppm	█ 242	█ 344	█ 261	█ 258

Depot: VP208659

Unique No: 10818309

Signed: Doug Bogart

Report Date: 05 Jan 2024

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GRAPHS

