

OIL ANALYSIS REPORT



VOLVO PENTA 3950004754 - STARBOARD IPS

Sample No: VPA054714

Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA054714	VPA053089	VPA047618	VPA014690
Sample Date	13 May 2024	16 Apr 2024	17 Apr 2023	26 Apr 2022
Machine Hours	0	0	230	200
Oil Hours	0	0	230	0
Oil Changed	Not Changd	Changed	Not Changd	N/A
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

FDDA FT PIERCE - POWER CENTER

FORT PIERCE, FL

US

Contact: KYLE GRASER

k.graser@kirbycorp.com

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OIL CONDITION

Visc @ 40°C	cSt	107	109	110	108
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	2	<1	1
Sodium	ppm	<1	1	<1	0
Potassium	ppm	2	2	0	0

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.

WEAR METALS

PQ		16	17	13	16
Iron	ppm	4	13	6	7
Copper	ppm	2	4	1	3
Lead	ppm	<1	<1	0	0
Tin	ppm	<1	<1	0	<1
Aluminum	ppm	2	2	<1	<1
Chromium	ppm	<1	<1	0	0
Molybdenum	ppm	<1	<1	<1	0
Nickel	ppm	<1	<1	0	0
Titanium	ppm	<1	<1	0	<1
Silver	ppm	<1	0	0	<1
Manganese	ppm	<1	2	1	1
Vanadium	ppm	<1	<1	0	0

ADDITIVES

Calcium	ppm	10	23	56	9
Magnesium	ppm	4	10	0	53
Zinc	ppm	7	13	0	2
Phosphorus	ppm	2199	1488	1494	1417
Barium	ppm	0	<1	0	0
Boron	ppm	458	348	363	306

Depot: VP208659

Unique No: 11033020

Signed: Sean Felton

Report Date: 20 May 2024

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VOLVO PENTA

GRAPHS

