

OIL ANALYSIS REPORT

VOLVO PENTA

LHRKP102K810 507052 VOLVO 3194008629 - PORT IPS

Sample No: VPA017565

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA017565	VPA024260	---	---
Sample Date	28 Oct 2020	04 Feb 2020	---	---
Machine Hours	852	847	---	---
Oil Hours	3	50	---	---
Oil Changed	Not Changd	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---

Marine Maintenance Of
7803 McElvey Rd
PANAMA CITY BEACH, FL
US 32408
Contact: Jody Kennedy
jody@marinemaint.com
T:
F:

OIL CONDITION

Visc @ 40°C	cSt	106	106	---	---
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CONTAMINATION

Water	%	NEG	0.164	---	---
Silicon	ppm	9	23	---	---
Sodium	ppm	<1	7	---	---
Potassium	ppm	0	3	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the component. The condition of the oil is acceptable for the time in service.

WEAR METALS

PQ		20	20	---	---
Iron	ppm	23	63	---	---
Copper	ppm	4	7	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	0	1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	1	0	---	---
Nickel	ppm	<1	1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	37	11	---	---
Magnesium	ppm	3	4	---	---
Zinc	ppm	9	15	---	---
Phosphorus	ppm	1403	1329	---	---
Barium	ppm	0	0	---	---
Boron	ppm	312	276	---	---

Depot: VP313024
Unique No: 9241342
Signed: Don Baldrige
Report Date: 04 Nov 2020

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GRAPHS

