

OIL ANALYSIS REPORT

VOLVO PENTA

GORDEN PARKER PARKER VOLVO PENTA 3940019132 - PORT IPS

Sample No: VPA055087

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA055087	VPA040050	VPA030191	---
Sample Date	29 Mar 2024	01 Dec 2021	27 Mar 2021	---
Machine Hours	793	0	0	---
Oil Hours	0	0	3	---
Oil Changed	Changed	N/A	Not Changd	---
Sample Status	NORMAL	ATTENTION	ABNORMAL	---

W J Clark Inc
4517 Dunning Road
NORFOLK, VA
US 23518
Contact: WALTER CLARK
ychtfixer@aol.com
T:
F:

OIL CONDITION

Visc @ 40°C	cSt	104	109	100.4	---
-------------	-----	------------	-----	-------	-----

CONTAMINATION

Water	%	NEG	NEG	▲ 0.515	---
Silicon	ppm	13	20	14	---
Sodium	ppm	3	38	4	---
Potassium	ppm	0	6	8	---

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		21	18	43	---
Iron	ppm	157	226	67	---
Copper	ppm	8	14	2	---
Lead	ppm	3	1	2	---
Tin	ppm	0	<1	0	---
Aluminum	ppm	<1	6	1	---
Chromium	ppm	<1	2	<1	---
Molybdenum	ppm	<1	1	0	---
Nickel	ppm	<1	2	<1	---
Titanium	ppm	0	<1	<1	---
Silver	ppm	0	0	<1	---
Manganese	ppm	2	6	1	---
Vanadium	ppm	0	0	1	---

ADDITIVES

Calcium	ppm	5	54	26	---
Magnesium	ppm	<1	30	<1	---
Zinc	ppm	6	35	14	---
Phosphorus	ppm	1433	1372	1151	---
Barium	ppm	0	0	0	---
Boron	ppm	293	217	242	---

Depot: VP151520
Unique No: 10966498
Signed: Don Baldrige
Report Date: 10 Apr 2024

OIL ANALYSIS REPORT

**VOLVO
PENTA**

GRAPHS

