

OIL ANALYSIS REPORT

VOLVO PENTA

DAMP 530448 VOLVO PENTA 3194010161 - PORT IPS

Sample No: VPA041501

Oil Type: VOLVO API GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA041501	---	---	---
Sample Date	13 Jul 2023	---	---	---
Machine Hours	1244	---	---	---
Oil Hours	85	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	ABNORMAL	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	107	---	---	---
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CONTAMINATION

Silicon	ppm	18	---	---	---
Sodium	ppm	14	---	---	---
Potassium	ppm	2	---	---	---

WEAR METALS

PQ		27	---	---	---
Iron	ppm	235	---	---	---
Copper	ppm	20	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	7	---	---	---
Chromium	ppm	2	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	3	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	4	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	0	---	---	---
Magnesium	ppm	0	---	---	---
Zinc	ppm	9	---	---	---
Phosphorus	ppm	1241	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	290	---	---	---

Marine International Diesels Inc.

3600 HACIENDA BLVD UNIT G
DAVIE, FL
US 33314
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Diagnosis

No corrective action is recommended at this time. We recommend an early resample to monitor this condition. Gear wear is indicated. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VP694356
Unique No: 10561608
Signed: Doug Bogart
Report Date: 18 Jul 2023

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GRAPHS

