

OIL ANALYSIS REPORT

VOLVO PENTA

DAVENZO JIM VOLVO PENTA 3950001931 - STARBOARD IPS

Sample No: VPA046603
Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA046603	---	---	---
Sample Date	04 Apr 2023	---	---	---
Machine Hours	947	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

Jas Marine Service Inc
3131 SW 2Nd Ave.
FORT LAUDERDALE, FL
US 33315
Contact: JASON TOLEDO
jason@jasmarine.com
T: (954)462-1112
F:

OIL CONDITION

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

CONTAMINATION

Silicon	ppm	▲ 31	---	---	---
Sodium	ppm	■ 6	---	---	---
Potassium	ppm	■ 5	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. Elemental level of silicon (Si) above normal. The condition of the oil is acceptable for the time in service.

WEAR METALS

PQ		■ 50	---	---	---
Iron	ppm	▲ 201	---	---	---
Copper	ppm	■ 44	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	7	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ 2	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 7	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 28	---	---	---
Magnesium	ppm	▲ 34	---	---	---
Zinc	ppm	■ 19	---	---	---
Phosphorus	ppm	■ 1371	---	---	---
Barium	ppm	■ 1	---	---	---
Boron	ppm	■ 225	---	---	---

Depot: VP426065
Unique No: 10416405
Signed: Don Baldrige
Report Date: 11 Apr 2023

OIL ANALYSIS REPORT

GRAPHS

