

OIL ANALYSIS REPORT

VOLVO PENTA

MIKE HAHN VOLVO PENTA 3940020536 (S/N 3940020526) - PORT IPS

Sample No: VPA050958

Oil Type: GEAR OIL LS 80W90

SAMPLE INFORMATION

Sample Number	VPA050958	---	---	---
Sample Date	20 Oct 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

MELBOURNE MARINE DIESEL

MELBOURNE, FL
US

Contact: SERVICE MANAGER
info@melbournemarinediesel.com

T: (321)425-2517

F:

OIL CONDITION

Visc @ 40°C	cSt	█ 113	---	---	---
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CONTAMINATION

Silicon	ppm	█ 14	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ <1	---	---	---

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		█ 20	---	---	---
Iron	ppm	█ 130	---	---	---
Copper	ppm	█ 6	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	█ 0	---	---	---

ADDITIVES

Calcium	ppm	█ 11	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 10	---	---	---
Phosphorus	ppm	█ 1326	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 286	---	---	---

Depot: VP1222400

Unique No: 10711402

Signed: Sean Felton

Report Date: 26 Oct 2023

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GRAPHS

