

OIL ANALYSIS REPORT

VOLVO PENTA

KIMBY DP C5758 KIMBY (S/N NOT GIVEN) - STARBOARD TRANSMISSION

Sample No: VPA058090
Oil Type: DIESEL ENGINE OIL SAE 40

SAMPLE INFORMATION

Sample Number	VPA058090	---	---	---
Sample Date	15 Jan 2024	---	---	---
Machine Hours	4000	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

Walstrom Marine - 767948

501 Bay Street
HARBOR SPRINGS, MI
US 49740
Contact: RICK HEINY
rheiny@walstrom.com

T:
F:

OIL CONDITION

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

Water	%	▲ 0.520	---	---	---
Silicon	ppm	█ 11	---	---	---
Sodium	ppm	█ 38	---	---	---
Potassium	ppm	█ 4	---	---	---

Diagnosis

We advise that you check for the source of water entry. Resample at the next service interval to monitor. All component wear rates are normal. There is a moderate concentration of water present in the fluid. There is a moderate amount of visible silt present in the sample. The condition of the fluid is acceptable for the time in service.

WEAR METALS

PQ		█ 25	---	---	---
Iron	ppm	█ 117	---	---	---
Copper	ppm	█ 44	---	---	---
Lead	ppm	█ 5	---	---	---
Tin	ppm	█ 1	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 86	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	4	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 2291	---	---	---
Magnesium	ppm	█ 236	---	---	---
Zinc	ppm	█ 985	---	---	---
Phosphorus	ppm	█ 842	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 22	---	---	---

Depot: VP154879
Unique No: 10846415
Signed: Jonathan Hester
Report Date: 26 Jan 2024

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GRAPHS

