

OIL ANALYSIS REPORT

VOLVO PENTA

VOLVO PENTA CHUTE LIGHT - STERNDRIVE (S/N NOT GIVEN) - GEARBOX

Sample No: VPA056548

Oil Type: SCHAEFFER SCHAEFFER 293 MOLY 75W90

SAMPLE INFORMATION

Sample Number	VPA056548	VPA055009	---	---
Sample Date	29 Apr 2024	09 Apr 2024	---	---
Machine Hours	0	0	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

Edward's Marine and Sons

12741 Sunset Ave

OCEAN CITY, MD

US 21842

Contact: Edward Bartholme

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OIL CONDITION

Visc @ 40°C	cSt	■ 93.9	■ 94.3	---	---
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CONTAMINATION

Water	%	■ NEG	■ NEG	---	---
Silicon	ppm	■ 4	■ 2	---	---
Sodium	ppm	■ <1	■ 2	---	---
Potassium	ppm	■ 2	■ 0	---	---

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		■ 10	■ 16	---	---
Iron	ppm	■ 118	■ 112	---	---
Copper	ppm	■ 1	■ <1	---	---
Lead	ppm	■ <1	■ 0	---	---
Tin	ppm	■ <1	■ 0	---	---
Aluminum	ppm	■ 3	■ 2	---	---
Chromium	ppm	■ <1	■ 0	---	---
Molybdenum	ppm	■ 281	■ 220	---	---
Nickel	ppm	■ <1	■ <1	---	---
Titanium	ppm	■ <1	■ 0	---	---
Silver	ppm	■ 0	■ 0	---	---
Manganese	ppm	■ 2	■ 2	---	---
Vanadium	ppm	■ 0	■ 0	---	---

ADDITIVES

Calcium	ppm	■ 90	■ 6	---	---
Magnesium	ppm	■ 5	■ <1	---	---
Zinc	ppm	■ 45	■ 10	---	---
Phosphorus	ppm	■ 486	■ 559	---	---
Barium	ppm	■ 1	■ <1	---	---
Boron	ppm	■ 4	■ 10	---	---

Depot: VP551029

Unique No: 11005534

Signed: Jonathan Hester

Report Date: 03 May 2024

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GRAPHS

