

OIL ANALYSIS REPORT

VOLVO PENTA

MJC/501523 VOLVO PENTA 3020312285 - STERNDRIVE - CENTER GEARBOX

Sample No: VPA048612

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA048612	---	---	---
Sample Date	14 Aug 2023	---	---	---
Machine Hours	200	---	---	---
Oil Hours	174	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

North Harbor Diesel Inc

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ANACORTES, WA
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F:

OIL CONDITION

Visc @ 40°C	cSt	■ 98.5	---	---	---
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CONTAMINATION

Silicon	ppm	■ 2	---	---	---
Sodium	ppm	■ 4	---	---	---
Potassium	ppm	■ 2	---	---	---

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		■ 9	---	---	---
Iron	ppm	■ 68	---	---	---
Copper	ppm	■ 1	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 8	---	---	---
Chromium	ppm	■ 1	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ 2	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 6	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 29	---	---	---
Magnesium	ppm	38	---	---	---
Zinc	ppm	■ 6	---	---	---
Phosphorus	ppm	■ 1444	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 405	---	---	---

Depot: VP179089
Unique No: 10617602
Signed: Jonathan Hester
Report Date: 25 Aug 2023

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GRAPHS

