

OIL ANALYSIS REPORT

VOLVO PENTA

INTERFOR CAMPBELL RIVER 80323 3100001926 - STERNTUBE

Sample No: VPA050687

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA050687	---	---	---
Sample Date	08 Feb 2024	---	---	---
Machine Hours	1259	---	---	---
Oil Hours	30	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	SEVERE	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	■ 104	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 3	---	---	---
Sodium	ppm	■ 14	---	---	---
Potassium	ppm	■ 3	---	---	---

WEAR METALS

PQ		■ 5	---	---	---
Iron	ppm	● 214	---	---	---
Copper	ppm	■ <1	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminium	ppm	■ 2	---	---	---
Chromium	ppm	■ 1	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	▲ 2	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 5	---	---	---
Magnesium	ppm	■ 3	---	---	---
Zinc	ppm	■ 14	---	---	---
Phosphorus	ppm	■ 1393	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 256	---	---	---

Progressive Diesel

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Contact: Larry Cox
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T:
F:

Diagnosis

The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 75W90. Please confirm. Iron ppm levels are severe. Nickel ppm levels are marginal. The low ferrous density (PQ) index indicates the wear metal levels are due to corrosion. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: VP153880
Unique No: 5733904
Signed: Kevin Marson
Report Date: 21 Feb 2024

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GRAPHS

