

OIL ANALYSIS REPORT

VOLVO PENTA

TETRA TECH D111W VOLVO PENTA 3020294198 - STERNDRIVE - CENTER GEARBOX

Sample No: VPA059287
Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA059287	---	---	---
Sample Date	25 Mar 2024	---	---	---
Machine Hours	1590	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 109	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 6	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 1	---	---	---

No corrective action is recommended at this time. 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		█ 15	---	---	---
Iron	ppm	█ 22	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 2	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	<1	---	---	---

Diagnosis

ADDITIVES

Calcium	ppm	█ 95	---	---	---
Magnesium	ppm	█ 4	---	---	---
Zinc	ppm	█ 42	---	---	---
Phosphorus	ppm	█ 1343	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 326	---	---	---

Depot: VP794951
Unique No: 10951811
Signed: Doug Bogart
Report Date: 03 Apr 2024

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GRAPHS

