

OIL ANALYSIS REPORT



MERLE KNAPP DANIEL/1502141 VOLVO PENTA 3020303349 - STERNDRIVE - STARBOARD GEARBOX

Sample No: VPA036832
Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA036832	---	---	---
Sample Date	01 Aug 2023	---	---	---
Machine Hours	1780	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 102	---	---	---
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CONTAMINATION

Silicon	ppm	█ 2	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ <1	---	---	---

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		█ 17	---	---	---
Iron	ppm	█ 25	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 11	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	< 1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 0	---	---	---
Magnesium	ppm	█ 17	---	---	---
Zinc	ppm	█ 7	---	---	---
Phosphorus	ppm	█ 1340	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 344	---	---	---

Depot: VP794951
Unique No: 10588837
Signed: Don Baldrige
Report Date: 08 Aug 2023

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GRAPHS

