

OIL ANALYSIS REPORT

VOLVO PENTA

CLAYTON SHELVER 1610060 VOLVO PENTA D6-435D-F - INBOARD - CLAYTON SHELVER (S/N NOT GIVEN) - STARBOARD GEARBOX

Sample No: VPA054308

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA054308	---	---	---
Sample Date	05 Jun 2024	---	---	---
Machine Hours	591	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ATTENTION	---	---	---

Pacific Power Group - VP981534

7215 S 228th St

Kent, WA

US 98032

Contact: PAT RYAN

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F:

OIL CONDITION

Visc @ 40°C	cSt	■ 101	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 31	---	---	---
Sodium	ppm	■ 3	---	---	---
Potassium	ppm	■ 2	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Elemental level of silicon (Si) above normal indicating ingress of dirt/seal material. The condition of the oil is acceptable for the time in service.

WEAR METALS

PQ		■ 20	---	---	---
Iron	ppm	■ 36	---	---	---
Copper	ppm	■ 10	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	■ 50	---	---	---
Magnesium	ppm	■ 24	---	---	---
Zinc	ppm	■ 33	---	---	---
Phosphorus	ppm	■ 1297	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 365	---	---	---

Depot: VP99031103

Unique No: 11072476

Signed: Don Baldrige

Report Date: 12 Jun 2024

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GRAPHS

