

OIL ANALYSIS REPORT

VOLVO PENTA

GALTEX PILOTS SERVICE VOLVO PENTA 10132153898 - PORT DIESEL ENGINE

Sample No: VPA060550

Oil Type: SHELL ROTELLA T 15W40

SAMPLE INFORMATION

Sample Number	VPA060550	VPA060548	---	---
Sample Date	04 Mar 2024	21 Aug 2023	---	---
Machine Hours	3560	2500	---	---
Oil Hours	0	365	---	---
Oil Changed	N/A	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

Elite Diesel Services LLC

2103 Anders Lane

KEMAH, TX

US 77565

Contact: Michael Fleming

mffleming@elitedieselservice.com

T: (281)535-0200

F: (281)535-0211

OIL CONDITION

Visc @ 100°C	cSt	█ 13.7	█ 13.8	---	---
Base Number (BN)	mg KOH/g	█ 6.8	█ 6.4	---	---
Oxidation (PA)	%	65	62	---	---

CONTAMINATION

Water	%	NEG	NEG	---	---
Soot %	%	█ 0.3	█ 0.6	---	---
Nitration (PA)	%	72	68	---	---
Sulfation (PA)	%	57	57	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	<1.0	<1.0	---	---
Silicon	ppm	█ 3	█ 4	---	---
Sodium	ppm	█ <1	█ 2	---	---
Potassium	ppm	█ 5	█ 4	---	---

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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

WEAR METALS

Iron	ppm	█ 0	█ 11	---	---
Copper	ppm	█ 0	█ <1	---	---
Lead	ppm	█ 2	█ 0	---	---
Tin	ppm	█ 0	█ <1	---	---
Aluminum	ppm	█ 1	█ <1	---	---
Chromium	ppm	█ <1	█ 0	---	---
Molybdenum	ppm	█ 25	█ 21	---	---
Nickel	ppm	█ 0	█ 0	---	---
Titanium	ppm	█ 0	█ 0	---	---
Silver	ppm	█ 0	█ 0	---	---
Manganese	ppm	█ <1	█ 0	---	---
Vanadium	ppm	<1	<1	---	---

ADDITIVES

Calcium	ppm	█ 2357	█ 2104	---	---
Magnesium	ppm	█ 118	█ 162	---	---
Zinc	ppm	█ 1309	█ 1250	---	---
Phosphorus	ppm	█ 1058	█ 1014	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 55	106	---	---

Depot: VP680026

Unique No: 10915968

Signed: Don Baldrige

Report Date: 11 Mar 2024

OIL ANALYSIS REPORT

VOLVO PENTA

GRAPHS

