

OIL ANALYSIS REPORT

VOLVO PENTA

MDR TRANSPORTATION R463611 FREIGHTLINER 3AKJHHR2LSLR6338 - DIESEL ENGINE

Sample No: VPA053437

Oil Type: {unknown}

SAMPLE INFORMATION

Sample Number	VPA053437	---	---	---
Sample Date	07 May 2024	---	---	---
Machine Hours	835318	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

CULLEN DIESEL POWER - 695335

9300 192 ST

SURREY, BC

CA V4N 3R8

Contact: Michelle Sayers

genservice@cullendiesel.com

T: (604)888-1211

F:

OIL CONDITION

Visc @ 100°C	cSt	█ 11.9	---	---	---
Oxidation (PA)	%	70	---	---	---

CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0	---	---	---
Nitration (PA)	%	45	---	---	---
Sulfation (PA)	%	60	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	█ 0.0	---	---	---
Silicon	ppm	█ 7	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ <1	---	---	---

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. Tests indicate that there is no fuel present in the oil. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

WEAR METALS

Iron	ppm	█ 11	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 35	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 1645	---	---	---
Magnesium	ppm	█ 477	---	---	---
Zinc	ppm	█ 873	---	---	---
Phosphorus	ppm	758	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 48	---	---	---

Depot: CULSUR

Unique No: 5785759

Signed: Kevin Marson

Report Date: 22 May 2024

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GRAPHS

