

OIL ANALYSIS REPORT



BRIAN JOHNSTON 8194 FL13769 - DIESEL ENGINE

Sample No: VPA053045

Oil Type: DIESEL ENGINE OIL SAE 40

SAMPLE INFORMATION

Sample Number	VPA053045	---	---	---
Sample Date	09 Jul 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

CULLEN DIESEL POWER

2454 HAYES RD

NANAIMO, BC

CA V9T 3M3

Contact: Joe Straughan

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T: (250)758-5241

F:

OIL CONDITION

Visc @ 100°C	cSt	█ 14.6	---	---	---
Oxidation (PA)	%	61	---	---	---

CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0	---	---	---
Nitration (PA)	%	50	---	---	---
Sulfation (PA)	%	53	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	< 1.0	---	---	---
Silicon	ppm	█ 12	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ < 1	---	---	---

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DIESEL ENGINE OIL SAE 40. Please confirm. 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

Iron	ppm	█ 10	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ < 1	---	---	---
Molybdenum	ppm	█ 66	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ < 1	---	---	---
Manganese	ppm	█ < 1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 1135	---	---	---
Magnesium	ppm	█ 798	---	---	---
Zinc	ppm	█ 1213	---	---	---
Phosphorus	ppm	█ 1029	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 121	---	---	---

Depot: CULNAN

Unique No: 5813912

Signed: Kevin Marson

Report Date: 18 Jul 2024

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VOLVO PENTA

GRAPHS

