

OIL ANALYSIS REPORT

**VOLVO
PENTA**

MAINROAD LOWER MAINLAND 62241 MITSUBISHI FUSO JL6FJM1E86K000342 - DIESEL ENGINE

Sample No: VPA060320

Oil Type: DIESEL ENGINE OIL SAE 40

SAMPLE INFORMATION

Sample Number	VPA060320	---	---	---
Sample Date	14 Feb 2024	---	---	---
Machine Hours	213870	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

OIL CONDITION

Visc @ 100°C	cSt	█ 14.3	---	---	---
Oxidation (PA)	%	66	---	---	---

CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0.4	---	---	---
Nitration (PA)	%	62	---	---	---
Sulfation (PA)	%	55	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	< 1.0	---	---	---
Silicon	ppm	█ 7	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 2	---	---	---

WEAR METALS

Iron	ppm	█ 35	---	---	---
Copper	ppm	█ 21	---	---	---
Lead	ppm	█ 5	---	---	---
Tin	ppm	█ < 1	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ < 1	---	---	---
Molybdenum	ppm	█ 57	---	---	---
Nickel	ppm	█ < 1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ < 1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 1071	---	---	---
Magnesium	ppm	█ 931	---	---	---
Zinc	ppm	█ 1155	---	---	---
Phosphorus	ppm	█ 983	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 1	---	---	---

CULLEN DIESEL POWER - 695335

9300 192 ST

SURREY, BC

CA V4N 3R8

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F:

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.

Depot: CULSUR

Unique No: 5737889

Signed: Kevin Marson

Report Date: 08 Mar 2024

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GRAPHS

