



CONSTRUCTION EQUIPMENT

MCBM 383463 VOLVO EC460C 110170 - DIESEL ENGINE



Sample No: VCP353058
Oil Type: DIESEL ENGINE OIL SAE 40
Job No: 383463



SAMPLE INFORMATION

Sample Number	VCP353058	---	---	---
Sample Date	01 Nov 2023	---	---	---
Machine Hours	4181	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

STRONGCO EQUIPMENT INC.
72 CHEMIN DU TREMBLAY
BOUCHERVILLE, QC
CA J4B 6Z6
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OIL CONDITION

Visc @ 100°C	cSt	█ 13.2	---	---	---
Oxidation (PA)	%	█ 65	---	---	---

CONTAMINATION

Water	%	█ NEG	---	---	---
Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	█ 57	---	---	---
Sulfation (PA)	%	█ 52	---	---	---
Glycol	%	█ NEG	---	---	---
Fuel	%	█ <1.0	---	---	---
Silicon	ppm	█ 3	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 4	---	---	---

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	█ 7	---	---	---
Copper	ppm	█ 3	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	█ 0	---	---	---

ADDITIVES

Calcium	ppm	█ 2145	---	---	---
Magnesium	ppm	█ 18	---	---	---
Zinc	ppm	█ 1053	---	---	---
Phosphorus	ppm	█ 917	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 29	---	---	---

Depot: SHEBOU
Unique No: 5671644
Signed: Kevin Marson
Report Date: 07 Nov 2023



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GRAPHS

Iron (ppm)



Lead (ppm)



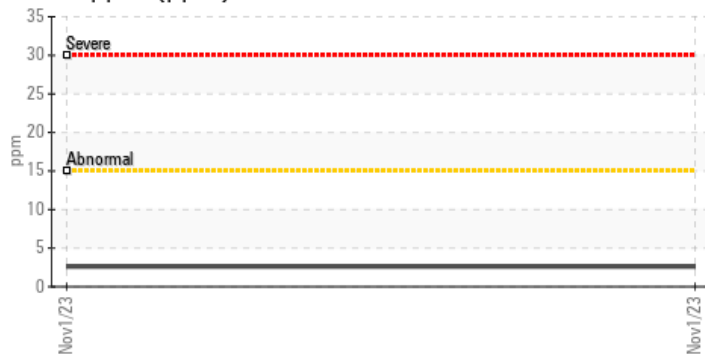
Aluminum (ppm)



Chromium (ppm)



Copper (ppm)



Silicon (ppm)



Viscosity @ 100°C



Soot %

