



CONSTRUCTION EQUIPMENT

MCBM 383463 VOLVO EC460C 110170 - LEFT PLANETARY



Sample No: VCP353057
Oil Type: GEAR OIL SAE 80W90
Job No: 383463



SAMPLE INFORMATION

Sample Number	VCP353057	---	---	---
Sample Date	01 Nov 2023	---	---	---
Machine Hours	4181	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

STRONGCO EQUIPMENT INC.

72 CHEMIN DU TREMBLAY
BOUCHERVILLE, QC
CA J4B 6Z6

Contact: Jonathan Jobin
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OIL CONDITION

Visc @ 40°C	cSt	█ 143	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 205	---	---	---
Sodium	ppm	█ 15	---	---	---
Potassium	ppm	█ 25	---	---	---



WEAR METALS

PQ		█ 55	---	---	---
Iron	ppm	█ 510	---	---	---
Copper	ppm	▲ 309	---	---	---
Lead	ppm	█ 8	---	---	---
Tin	ppm	▲ 15	---	---	---
Aluminum	ppm	64	---	---	---
Chromium	ppm	█ 6	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 2	---	---	---
Titanium	ppm	2	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	█ 7	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 111	---	---	---
Magnesium	ppm	█ 19	---	---	---
Zinc	ppm	█ 57	---	---	---
Phosphorus	ppm	█ 974	---	---	---
Barium	ppm	█ 10	---	---	---
Boron	ppm	█ 102	---	---	---

Diagnosis

We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 80W90. Please confirm. Copper and tin ppm levels are abnormal. Thrust washer and/or bearing/bushing wear is indicated. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: SHEBOU
Unique No: 5671756
Signed: Kevin Marson
Report Date: 08 Nov 2023



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GRAPHS

