



CONSTRUCTION EQUIPMENT

TRIPLE M 394881 VOLVO EC480E 315055 - LEFT SWING DRIVE



Sample No: VCP394881
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 394881



STRONGCO EQUIPMENT (CE)

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SAMPLE INFORMATION

Sample Number	VCP394881	---	---	---
Sample Date	21 Jul 2023	---	---	---
Machine Hours	644	---	---	---
Oil Hours	500	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 175	---	---	---
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CONTAMINATION

Silicon	ppm	█ 16	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ <1	---	---	---



WEAR METALS

Iron	ppm	█ 165	---	---	---
Copper	ppm	█ 60	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ 3	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 5	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 14	---	---	---
Magnesium	ppm	█ <1	---	---	---
Zinc	ppm	█ 44	---	---	---
Phosphorus	ppm	356	---	---	---
Barium	ppm	█ 6	---	---	---
Boron	ppm	<1	---	---	---

Diagnosis

Resample at the next service interval to monitor. Metal levels are typical for a new component breaking in. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO0252
Unique No: 5619354
Signed: Kevin Marson
Report Date: 04 Aug 2023



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GRAPHS

