



CONSTRUCTION EQUIPMENT

SERCON 394521 VOLVO EC480E 315145 - LEFT SWING DRIVE



Sample No: VCP394417
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 394521



SAMPLE INFORMATION

Sample Number	VCP394417	---	---	---
Sample Date	09 Feb 2024	---	---	---
Machine Hours	794	---	---	---
Oil Hours	500	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

STRONGCO EQUIPMENT (CE)

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 Burlington, ON
 CA L7L 4Y1
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OIL CONDITION

Visc @ 40°C	cSt	█ 167	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 30	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 1	---	---	---



WEAR METALS

Iron	ppm	█ 128	---	---	---
Copper	ppm	█ 11	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 14	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	10	---	---	---
Phosphorus	ppm	319	---	---	---
Barium	ppm	█ 6	---	---	---
Boron	ppm	2	---	---	---

Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO0252
Unique No: 5724556
Signed: Kevin Marson
Report Date: 14 Feb 2024



CONSTRUCTION EQUIPMENT



GRAPHS

