



CONSTRUCTION EQUIPMENT

395832 VOLVO EC480E 314675 - LEFT SWING DRIVE



Sample No: VCP449379
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 395832



SAMPLE INFORMATION

Sample Number	VCP449379	---	---	---
Sample Date	20 Feb 2024	---	---	---
Machine Hours	3889	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

STRONGCO EQUIPMENT--CALGARY

7923 54TH STREET SE
 CALGARY, AB
 CA T2C 4R7
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OIL CONDITION

Visc @ 40°C	cSt	█ 144	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 30	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	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.



WEAR METALS

Iron	ppm	█ 769	---	---	---
Copper	ppm	█ 29	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 5	---	---	---
Chromium	ppm	█ 10	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 8	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	10	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 45	---	---	---
Phosphorus	ppm	549	---	---	---
Barium	ppm	█ 3	---	---	---
Boron	ppm	30	---	---	---

Depot: VOLVO3909
Unique No: 5734602
Signed: Kevin Marson
Report Date: 22 Feb 2024

VOLVO **GRAPHS**

