



CONSTRUCTION EQUIPMENT

327210 VOLVO EC480E 314662 - LEFT SWING DRIVE



Sample No: VCP297744
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 327210



SAMPLE INFORMATION

Sample Number	VCP297744	---	---	---
Sample Date	08 Jun 2022	---	---	---
Machine Hours	1272	---	---	---
Oil Hours	1272	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

STRONGCO EQUIPMENT-EDMONTON

25616 117 Ave NW
 Acheson, AB
 CA T7X 6C2

Contact: Jonathan Morton
 jmorton@strongco.com
 T: (780)464-1909
 F: (780)464-0434



OIL CONDITION

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



CONTAMINATION

Silicon	ppm	█ 10	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ <1	---	---	---



WEAR METALS

Iron	ppm	█ 136	---	---	---
Copper	ppm	█ 10	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	2	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	5	---	---	---
Magnesium	ppm	█ <1	---	---	---
Zinc	ppm	█ 25	---	---	---
Phosphorus	ppm	311	---	---	---
Barium	ppm	█ 6	---	---	---
Boron	ppm	3	---	---	---

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: VOLVO3908
Unique No: 5421778
Signed: Kevin Marson
Report Date: 24 Jun 2022



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

