



# CONSTRUCTION EQUIPMENT

UTILEX CONTRACTING 315546 - FRONT LEFT FINAL DRIVE



Sample No: VCP381942

Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5

Job No:



## SAMPLE INFORMATION

Sample Number	VCP381942	---	---	---
Sample Date	06 Aug 2023	---	---	---
Machine Hours	491	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

### GREAT WEST EQUIPMENT

1600 KOSMINA ROAD, 123 L&A CROSS RD  
 VERNON, BC  
 CA V1T 8T2  
 Contact: Sarah Lawrence  
 slawrence@gwequipment.com  
 T: (866)627-2357  
 F: (250)549-3397



## OIL CONDITION

Visc @ 40°C	cSt	█ 171	---	---	---
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## CONTAMINATION

Silicon	ppm	█ 24	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 4	---	---	---



## WEAR METALS

Iron	ppm	█ 272	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 4	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 5	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	7	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 18	---	---	---
Phosphorus	ppm	316	---	---	---
Barium	ppm	█ 2	---	---	---
Boron	ppm	<1	---	---	---

### 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: MARVER  
 Unique No: 5629044  
 Signed: Kevin Marson  
 Report Date: 16 Aug 2023



# CONSTRUCTION EQUIPMENT



## VOLVO GRAPHS

