



CONSTRUCTION EQUIPMENT

316243 - SWING DRIVE



Sample No: VCP380232
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP380232	---	---	---
Sample Date	16 Jul 2023	---	---	---
Machine Hours	500	---	---	---
Oil Hours	500	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

GREAT WEST EQUIPMENT
 1600 KOSMINA ROAD, 123 L&A CROSS RD
 VERNON, BC
 CA V1T 8T2
 Contact: Garry Beach
 gbeach@gwequipment.com
 T: (250)549-4232
 F: (250)549-3397



OIL CONDITION

Visc @ 40°C	cSt	█ 173	---	---	---
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CONTAMINATION

Silicon	ppm	█ 35	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	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.



WEAR METALS

Iron	ppm	█ 101	---	---	---
Copper	ppm	█ 14	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 3	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 13	---	---	---
Magnesium	ppm	█ <1	---	---	---
Zinc	ppm	█ 17	---	---	---
Phosphorus	ppm	327	---	---	---
Barium	ppm	█ 2	---	---	---
Boron	ppm	<1	---	---	---

Depot: MARVER
Unique No: 5607474
Signed: Kevin Marson
Report Date: 19 Jul 2023

VOLVO **GRAPHS**

