



# CONSTRUCTION EQUIPMENT

299458 VOLVO EC380G 311935 - SWING DRIVE



**Sample No:** VCP298281  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:** 299458



## SAMPLE INFORMATION

Sample Number	VCP298281	---	---	---
Sample Date	22 Sep 2021	---	---	---
Machine Hours	2719	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

### STRONGCO EQUIPMENT INC (STE- FOY)

175, rue de Rotterdam  
 St-Augustin-de-Desmaures, QC  
 CA G3A 2K2  
 Contact: Michel Lepage  
 mlepage@strongco.com  
 T: (418)870-1700  
 F: (418)870-1701



## OIL CONDITION

Visc @ 40°C	cSt	▲ 43.8	---	---	---
-------------	-----	--------	-----	-----	-----



## CONTAMINATION

Silicon	ppm	■ 4	---	---	---
Sodium	ppm	■ 1	---	---	---
Potassium	ppm	■ 1	---	---	---



## WEAR METALS

Iron	ppm	■ 8	---	---	---
Copper	ppm	■ 9	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	4	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	■ 47	---	---	---
Magnesium	ppm	■ 3	---	---	---
Zinc	ppm	■ 89	---	---	---
Phosphorus	ppm	■ 1238	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	▲ 2	---	---	---

## Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux d'usure de tous les composants sont normaux. Il n'y a aucun indice de contamination dans l'huile. La viscosité de l'échantillon se situe dans la portée de l'SAE 75W80; nous vous conseillons de vérifier. Ceci, en plus des niveaux d'additifs, indique que la marque ou le type d'huile ne correspond pas à ce qui a été signalé. L'état de l'huile est acceptable pour la durée de service.

**Depot:** VOLVO0228  
**Unique No:** 5290000  
**Signed:** Kevin Marson  
**Report Date:** 28 Sep 2021



# CONSTRUCTION EQUIPMENT



## GRAPHS

