



# CONSTRUCTION EQUIPMENT

385379 VOLVO ECR355EL 314771 - SWING DRIVE



**Sample No:** VCP380333  
**Oil Type:** VOLVO API GL-5 SAE 75W90  
**Job No:** 385379



## SAMPLE INFORMATION

Sample Number	VCP380333	---	---	---
Sample Date	19 Dec 2023	---	---	---
Machine Hours	413	---	---	---
Oil Hours	413	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

### STRONGCO EQUIPMENT INC (STE- FOY)

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## OIL CONDITION

Visc @ 40°C	cSt	▲ 160	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 8	---	---	---
Sodium	ppm	■ 1	---	---	---
Potassium	ppm	■ <1	---	---	---



## WEAR METALS

Iron	ppm	■ 147	---	---	---
Copper	ppm	■ 31	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ 4	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 4	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	5	---	---	---
Magnesium	ppm	<1	---	---	---
Zinc	ppm	21	---	---	---
Phosphorus	ppm	330	---	---	---
Barium	ppm	■ <1	---	---	---
Boron	ppm	<1	---	---	---

## 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 90; 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:** 5698140  
**Signed:** Kevin Marson  
**Report Date:** 27 Dec 2023

**VOLVO** **GRAPHS**

