



# CONSTRUCTION EQUIPMENT

## EXCAVATION MCBM INC VOLVO L90E 66967 - FRONT AXLE



**Sample No:** VCP394209  
**Oil Type:** SHELL SPIRAX S4 TXM  
**Job No:**



### SAMPLE INFORMATION

Sample Number	VCP394209	---	---	---
Sample Date	04 Dec 2023	---	---	---
Machine Hours	18281	---	---	---
Oil Hours	1000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

**EXCAVATION MCBM INC**  
 1383 ROUTE 122  
 ST-EDMOND- DE-GRANTHAM, QC  
 CA J0C 1K0  
 Contact: Denis Fougues  
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 T: (819)395-2015  
 F:

### OIL CONDITION

Visc @ 40°C	cSt	█ 52.9	---	---	---
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### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 22	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	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. Les niveaux d'additifs indiquent l'ajout d'une autre marque ou d'un autre type d'huile. L'état de l'huile est acceptable pour la durée de service.

### WEAR METALS

Iron	ppm	█ 21	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	0	---	---	---

### ADDITIVES

Calcium	ppm	3536	---	---	---
Magnesium	ppm	█ 15	---	---	---
Zinc	ppm	1367	---	---	---
Phosphorus	ppm	█ 1060	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 105	---	---	---

**Depot:** EXC138STE  
**Unique No:** 5695052  
**Signed:** Kevin Marson  
**Report Date:** 11 Dec 2023



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## GRAPHS

