



# CONSTRUCTION EQUIPMENT

LAKESIDE 8-376179 VOLVO ECR50F 12235 - DIESEL ENGINE



**Sample No:** VCP353435  
**Oil Type:** DIESEL ENGINE OIL SAE 30  
**Job No:** 8-376179



## SAMPLE INFORMATION

Sample Number	VCP353435	---	---	---
Sample Date	24 Aug 2023	---	---	---
Machine Hours	1040	---	---	---
Oil Hours	1000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

**STRONGCO EQUIPMENT INC.**  
1640 ENTERPRISE ROAD  
MISSISSAUGA, ON  
CA L4W 4L4  
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## OIL CONDITION

Visc @ 100°C	cSt	12.9	---	---	---
Oxidation (PA)	%	86	---	---	---



## CONTAMINATION

Soot %	%	0	---	---	---
Nitration (PA)	%	70	---	---	---
Sulfation (PA)	%	65	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	4	---	---	---
Sodium	ppm	4	---	---	---
Potassium	ppm	0	---	---	---



## WEAR METALS

Iron	ppm	12	---	---	---
Copper	ppm	3	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	45	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	1773	---	---	---
Magnesium	ppm	514	---	---	---
Zinc	ppm	1128	---	---	---
Phosphorus	ppm	1009	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	44	---	---	---

## Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Viscosity of sample indicates oil is within SAE 40 range, advise investigate. The condition of the oil is acceptable for the time in service.

**Depot:** SHEMIS  
**Unique No:** 5631484  
**Signed:** Kevin Marson  
**Report Date:** 25 Aug 2023



# CONSTRUCTION EQUIPMENT



## GRAPHS

