



CONSTRUCTION EQUIPMENT

LTL VOLVO ECR145EL R1959 (S/N VCECR145L00312259) - DIESEL ENGINE



Sample No: VCP391674

Oil Type: NOT GIVEN

Job No:



SAMPLE INFORMATION

Sample Number	VCP391674	---	---	---
Sample Date	15 Nov 2023	---	---	---
Machine Hours	3278	---	---	---
Oil Hours	500	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

Strongco Equipment Sudbury

41 Vagnini Court, RR1

Lively, ON

CA P3Y 1K8

Contact: Glenn Skilton

GSkilton@strongco.com

T:

F:



OIL CONDITION

Visc @ 100°C	cSt	█ 14.2	---	---	---
Oxidation (PA)	%	█ 74	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	█ 73	---	---	---
Sulfation (PA)	%	█ 55	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 5	---	---	---
Sodium	ppm	█ 5	---	---	---
Potassium	ppm	█ 0	---	---	---

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	█ 30	---	---	---
Copper	ppm	█ 3	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 4	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 57	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 872	---	---	---
Magnesium	ppm	█ 1104	---	---	---
Zinc	ppm	█ 1177	---	---	---
Phosphorus	ppm	█ 1020	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 32	---	---	---

Depot: VP755111

Unique No: 5684907

Signed: Wes Davis

Report Date: 30 Nov 2023



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GRAPHS

