



CONSTRUCTION EQUIPMENT

LIL VOLVO A30E R0850 - DIESEL ENGINE



Sample No: VCP391528

Oil Type: NOT GIVEN

Job No:



SAMPLE INFORMATION

Sample Number	VCP391528	---	---	---
Sample Date	29 Nov 2023	---	---	---
Machine Hours	13379	---	---	---
Oil Hours	0	---	---	---
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	11.4	---	---	---
Oxidation (PA)	%	69	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	0.5	---	---	---
Nitration (PA)	%	70	---	---	---
Sulfation (PA)	%	57	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	2.5	---	---	---
Silicon	ppm	4	---	---	---
Sodium	ppm	3	---	---	---
Potassium	ppm	0	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. No other corrective action is recommended at this time. The fluid was not specified, however, a fluid match indicates that this fluid is SAE 30 Diesel Engine Oil. Please confirm the oil type and grade, and specify the brand of the oil on your next sample. All component wear rates are normal. Light fuel dilution occurring. No other contaminants were detected in the oil. Viscosity of sample indicates oil is within SAE 30 range, advise investigate. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	13	---	---	---
Copper	ppm	2	---	---	---
Lead	ppm	1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	58	---	---	---
Nickel	ppm	1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	852	---	---	---
Magnesium	ppm	1006	---	---	---
Zinc	ppm	1156	---	---	---
Phosphorus	ppm	1007	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	32	---	---	---

Depot: VP755111

Unique No: 5684906

Signed: Kevin Marson

Report Date: 01 Dec 2023



GRAPHS

