



CONSTRUCTION EQUIPMENT

12839 VOLVO L60H 622945 - HYDRAULIC SYSTEM



Sample No: VC510521
Oil Type: {unknown}
Job No: 12839



SAMPLE INFORMATION

Sample Number	VC510521	---	---	---
Sample Date	16 Apr 2024	---	---	---
Machine Hours	4354	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

TRANSOURCE TRUCK & EQUIPMENT

901 EAST 60TH STREET NORTH
 SIOUX FALLS, SD
 US 57104

Contact: BRAD MAUPIN
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T:
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OIL CONDITION

Visc @ 40°C	cSt	█ 42.4	---	---	---
Acid Number (AN)	mg KOH/g	█ 1.08	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		█ 162330	---	---	---
Particles >6µm		▲ 65416	---	---	---
Particles >14µm		▲ 3933	---	---	---
ISO 4406:1999 (c)		25/23/19	---	---	---
Silicon	ppm	█ 15	---	---	---
Sodium	ppm	█ 8	---	---	---
Potassium	ppm	█ 21	---	---	---

Diagnosis

We recommend you service the filters on this component. 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 a high amount of particulates present in the oil. Moderate concentration of visible dirt/debris present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



WEAR METALS

Iron	ppm	█ 16	---	---	---
Copper	ppm	█ 9	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	2	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	1589	---	---	---
Magnesium	ppm	21	---	---	---
Zinc	ppm	923	---	---	---
Phosphorus	ppm	858	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	2	---	---	---

Depot: VOLVO0035
Unique No: 10990601
Signed: Jonathan Hester
Report Date: 24 Apr 2024



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VOLVO GRAPHS

