



CONSTRUCTION EQUIPMENT

VOLVO EC220DL 210067 - HYDRAULIC SYSTEM



Sample No: VCE297604
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No:

Strongco Equipment

5179 Fountain St N.
Breslau, ON
CA N0B 1M0
Contact: Matt Crisci
mcrisci@strongco.com
T: (519)744-3518
F: (519)744-3284

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.



SAMPLE INFORMATION

Sample Number		VCE297604	---	---	---
Sample Date		17 Dec 2021	---	---	---
Machine Hours		4000	---	---	---
Oil Hours		300	---	---	---
Oil Changed		Not Chngd	---	---	---
Sample Status		NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	■ 43.3	---	---	---
-------------	-----	--------	-----	-----	-----



CONTAMINATION

ISO 4406:1999 (c)		--/--/--	---	---	---
Silicon	ppm	■ 10	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ 2	---	---	---



WEAR METALS

Iron	ppm	■ 24	---	---	---
Copper	ppm	■ 17	---	---	---
Lead	ppm	■ 1	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 3	---	---	---
Chromium	ppm	■ 4	---	---	---
Molybdenum	ppm	■ 2	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 363	---	---	---
Magnesium	ppm	■ 8	---	---	---
Zinc	ppm	■ 460	---	---	---
Phosphorus	ppm	■ 400	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 4	---	---	---

Depot: CASKIT
Unique No: 5331198
Signed: Kevin Marson
Report Date: 23 Dec 2021



CONSTRUCTION EQUIPMENT



GRAPHS

