

[[HERC RENTALS]] VOLVO EC220EL 310988 - HYDRAULIC SYSTEM

Sample No: VCP397492

Oil Type: VOLVO SUPER HYDRAULIC OIL 46

SAMPLE INFORMATION

Sample Number	VCP397492	---	---	---
Sample Date	23 Jan 2023	---	---	---
Machine Hours	1997	---	---	---
Oil Hours	1997	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	■ 48.9	---	---	---
Acid Number (AN)	mg KOH/g	■ 0.48	---	---	---

Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is a moderate amount of silt (particulates < 6 microns in size) present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		● 68929	---	---	---
Particles >6µm		■ 5158	---	---	---
Particles >14µm		■ 22	---	---	---
ISO 4406:1999 (c)		23/20/12	---	---	---
Silicon	ppm	■ 5	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ 1	---	---	---

WEAR METALS

Iron	ppm	■ 8	---	---	---
Copper	ppm	■ 46	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 1	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 0	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 175	---	---	---
Magnesium	ppm	■ 7	---	---	---
Zinc	ppm	■ 445	---	---	---
Phosphorus	ppm	■ 353	---	---	---
Barium	ppm	■ 1	---	---	---
Boron	ppm	■ 0	---	---	---

Depot: VOLVO0093
Unique No: 10309076
Signed: Jonathan Hester
Report Date: 26 Jan 2023

GRAPHS

