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

Sample No: VCP397492

Oil Type: VOLVO SUPER HYDRAULIC OIL 46

CANADIEIN	ICODA 4 A TI	ON		
SAMPLE IN	IFORMATI	ON		
Sample Number		VCP397492	 	
Sample Date		23 Jan 2023	 	
Machine Hours		1997	 	
Oil Hours		1997	 	
Oil Changed		Changed	 	
Sample Status		ATTENTION	 	
OIL CONDI	TION			
Visc @ 40°C	cSt	■ 48.9	 	
Acid Number (AN)	mg KOH/g	0.48	 	
CONTAMIN	NOITAN			
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 MET	ALS			
Iron	ppm	■ 8	 	
Copper	ppm	46	 	
Lead	ppm	■ <1	 	
Tin	ppm	■ 0	 	
Aluminum	ppm	2	 	
Chromium	ppm		 	
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	 	
	1. Ia			

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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.

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

ppm

Boron

■0

GRAPHS Ferrous Alloys Particle Count 10 т 491,520 % 245,760 -25 122,880 -24 61,440 30,720 -22 15,360 -21 7,680 -20 3,840 19 1,920 18 8 nber of particles (per 1 ml) 4406:1999 Cleanliness 960 Non-ferrous Metals 480 50 15 240 45 Code 120 40 35 60 -13 30 -12 30 E 25 20 -10 Viscosity @ 40°C Acid Number 0.50 Abnormal 50 0.40 48 (mg KOH/g) cSt (40°C) 44 0.25 0.20 P 0.15 40-0.10 Abnormal 38 0.05 0.00-