CONSTRUCTION EQUIPMENT SWA401486 ACTION ENV VOLVO EC220DL 210391 - HYDRAULIC

Sample No: VCP436188

VOLVO

Oil Type:VOLVO SUPER HYDRAULIC OIL 46Job No:SWA401486 ACTION ENV

SAMPLE INFORMATION

Sample Number		VCP436188				
Sample Date		01 Nov 2023				
Machine Hours		4003				
Oil Hours		2000				
Oil Changed		Not Changd				
Sample Status		NORMAL				
OIL CONDIT	FION					
Visc @ 40°C	cSt	42.2				
Acid Number (AN)	mg KOH/g	0.39				
CONTAMINATION						

Water	%	NEG	 	
Particles >4µm		9109	 	
Particles >6µm		1953	 	
Particles >14µm		130	 	
ISO 4406:1999 (c)		20/18/14	 	
Silicon	ppm	10	 	
Sodium	ppm	6	 	
Potassium	ppm	9	 	

WEAR METALS

Iron	ppm	1 6	 	
Copper	ppm	27	 	
Lead	ppm	□<1	 	
Tin	ppm		 	
Aluminum	ppm	2	 	
Chromium	ppm	3	 	
Molybdenum	ppm	5	 	
Nickel	ppm		 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	1	 	
Vanadium	ppm	0	 	

VOLVO

Calcium	ppm	226			
Magnesium	ppm	12			
Zinc	ppm	446			
Phosphorus	ppm	356			
Barium	ppm	0			
Boron	ppm	5			



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC

8418 PALM RIVER ROAD TAMPA, FL US 33619 Contact: JOHN FARDELLA john.fardella@altg.com T: (813)630-0077 F: (813)630-2233

Diagnosis

Resample at the next service interval to monitor.All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

 Depot:
 VOLVO0093

 Unique No:
 10764998

 Signed:
 Wes Davis

 Report Date:
 30 Nov 2023

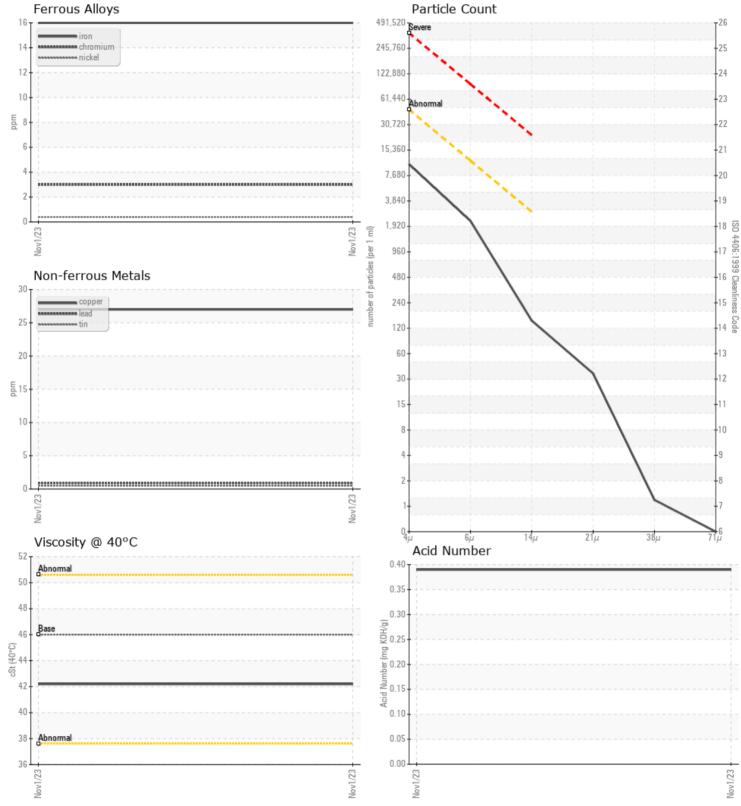
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CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO0093 [WUSCAR] 06020498 (Generated: 11/30/2023 09:38:44) Rev: 1

Contact/Location: JOHN FARDELLA - VOLVO0093