CONSTRUCTION EQUIPMENT 5586 VOLVO EC460CL 110437 - LEFT SWING DRIVE



Sample No: VCP290605

VOLVO

Oil Type:	VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:	5586

SAMPLE INFORMATION

Sample Number		VCP290605	VCP171921	
Sample Date		06 Jan 2021	15 Dec 2015	
Machine Hours		6082	4194	
Oil Hours		0	0	
Oil Changed		Changed	Changed	
Sample Status		ABNORMAL	ABNORMAL	
OIL CON	DITION			
Visc @ 40°C	cSt	335	287.7	
CONTAM	IINATION			
Water	%	0.216	▲ 0.882	
Silicon	ppm	1 3	28	
Sodium	ppm	3	2	
Potassium	ppm	 <1	0	
WEAR M	IETALS			
Iron	ppm	260	312	
Copper	ppm	1 3	22	
Lead	ppm	 <1	 < 1	
Tin	ppm	<1	0	
Aluminum	ppm	<1	6	
Chromium	ppm	3	4	
Molybdenum	ppm	 <1	0	
Nickel	ppm	<1	<1	
Titanium	ppm	<1	< 1	
Silver	ppm	1	0	
Manganese	ppm	3	4	



MCCLUNG-LOGAN EQUIPMENT CO - RICHMOND

1345 MOUNTAIN ROAD GLEN ALLEN, VA US 23060 Contact: KYLE RATLIFFE KRATLIFFE@MCCLUNG-LOGAN.COM T:

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Diagnosis

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor.All component wear rates are normal. Appearance is milky. There is a light concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

Vanadium

ppm

ADDITIVES							
Calcium	ppm	25	39				
Magnesium	ppm	6	4				
Zinc	ppm	46	61				
Phosphorus	ppm	917	768				
Barium	ppm	 <1	 <1				
Boron	ppm	128	82				

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 Depot:
 VOLVO8882

 Unique No:
 9313208

 Signed:
 Jonathan Hester

 Report Date:
 12 Jan 2021

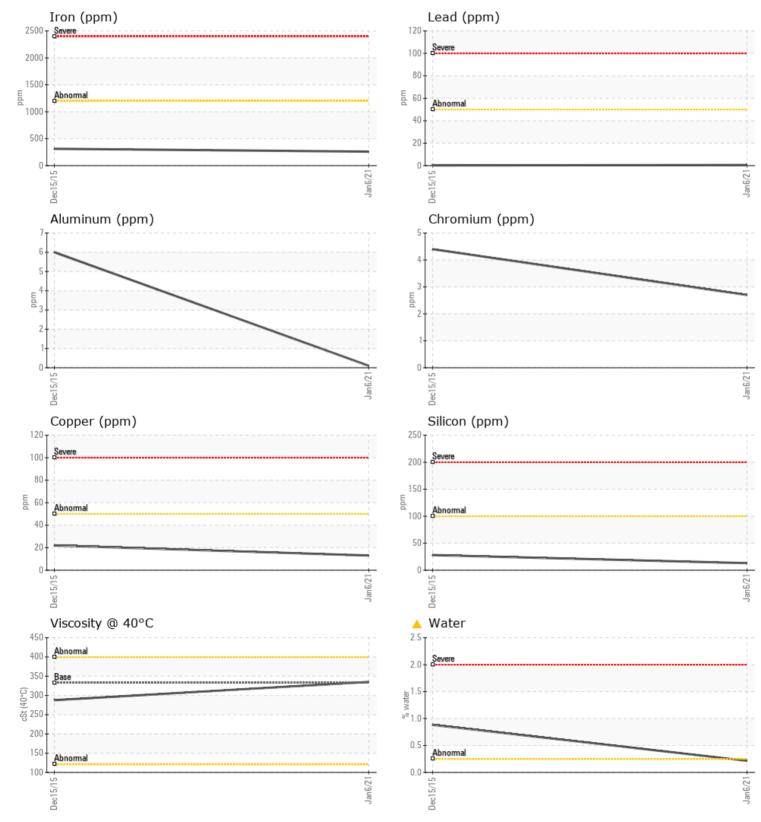
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CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: KYLE RATLIFFE - VOLVO8882