

CONSTRUCTION EQUIPMENT HITACHI ZW 150 5379 - DIESEL ENGINE



Sample No: VCP433915

Oil Type:	DIESEL ENGINE OIL SAE 30
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Job No:

	NFORMATION				
Sample Number	-	VCP433915			
Sample Date		29 Aug 2023			
Machine Hours		0			
Oil Hours		0			
Oil Changed		N/A			
Sample Status		MARGINAL			
VOLVO					
V OIL CONDI					-
Visc @ 100°C	cSt	12.4			
Base Number (BN)	mg KOH/g	9.5			
Oxidation (PA)	%	76			
CONTAMI	NATION				
		= 0.1	<u> </u>	-	
Soot % Nitration (PA)	%	■ 0.1 49			
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Sulfation (PA)	%	58			
Glycol	%	NEG			
Fuel	%	▲ 2.5			
Silicon Sodium	ppm	9			
	ppm	2			
Potassium	ppm	1			
VOLVO					
VEAR ME	TALS				
Iron	ppm	33			
Copper	ppm	1			
Lead	ppm	0			
Tin	ppm				
Aluminum	ppm	2			
Chromium	ppm				
Molybdenum	ppm	40			
Nickel	ppm	0			
Titanium	ppm	0			
Silver	ppm	0			
Manganese	ppm				
Vanadium	ppm	0			
	1.	-			
VOLVO	-				
	7				
Calcium	ppm	1732			
Magnesium	ppm	550			
Zinc	ppm	971			
Phosphorus	ppm	806			
Barium	ppm	0			
D					



COWIN EQUIPMENT - ATLANTA

5710 RIVERVIEW RD MABLETON, GA US 30126 Contact: MIKE ANDREWS mandrews@cowin.com T: (404)690-7210 F:

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DIESEL ENGINE OIL SAE 30. Please confirm. All component wear rates are normal. Light fuel dilution occurring. No

Light fuel dilution occurring. No other contaminants were detected in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

Depot:COWMABUnique No:10628662Signed:Wes DavisReport Date:31 Aug 2023

Report Id: COWMAB [WUSCAR] 05938050 (Generated: 08/31/2023 10:39:01) Rev: 1

ppm

Boron

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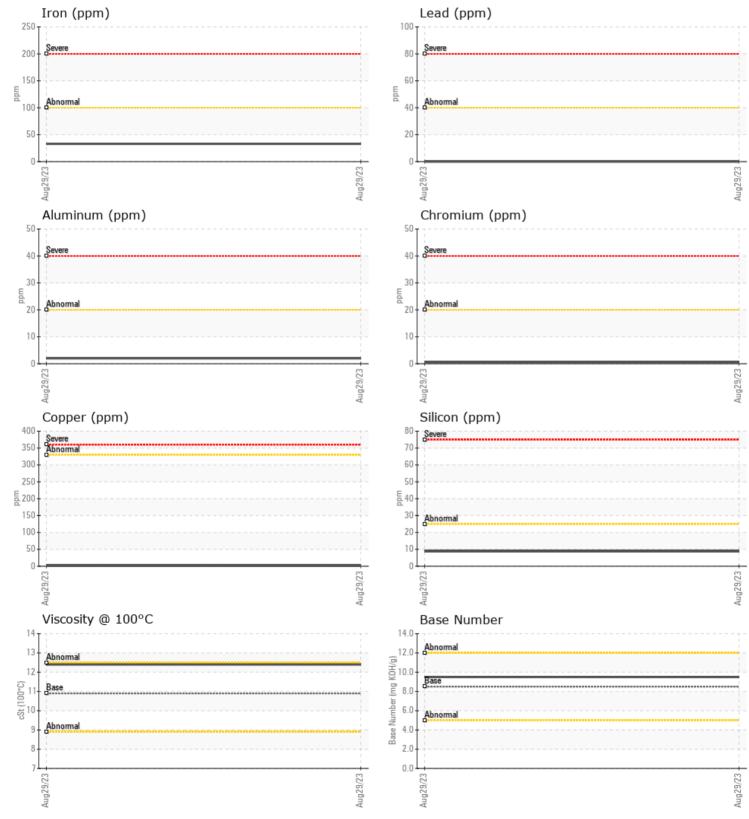
Contact/Location: MIKE ANDREWS - COWMAB

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: COWMAB [WUSCAR] 05938050 (Generated: 08/31/2023 10:39:03) Rev: 1

Contact/Location: MIKE ANDREWS - COWMAB