CONSTRUCTION EQUIPMENT 634851 PALLET WORLD VOLVO EC220 314056 - DIESEL ENGINE

Sample No: VCP431402 **Oil Type:**

VOLVO

VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3 Job No: 634851 PALLET WORLD

SAMPLE INFORMATION

Sample Number	-	VCP431402			
Sample Date		04 Dec 2023			
Machine Hours		717			
Oil Hours		200			
Oil Changed		Changed			
Sample Status		NORMAL			
OIL CONDI					
				-	
Visc @ 100°C	cSt	12.0			
Base Number (BN)	mg KOH/g	10.0			
Oxidation (PA)	%	78			
CONTAMIN					
		-	_ <u>_</u>		
Water	%	NEG			
Soot %	%	0.1			
Nitration (PA)	%	52			
Sulfation (PA)	%	61			
Glycol	%	NEG			
Fuel	%	1.0			
Silicon	ppm	12			
Sodium	ppm	0			
Potassium	ppm	2			

VEAR METALS

Iron	ppm	42	 	
Copper	ppm	1	 	
Lead	ppm	0	 	
Tin	ppm	0	 	
Aluminum	ppm	6	 	
Chromium	ppm		 	
Molybdenum	ppm	40	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	0	 	
Vanadium	maa	0	 	

ADDITIVES							
Calcium	ppm	1474					
Magnesium	ppm	427					
Zinc	ppm	1012					
Phosphorus	ppm	880					
Barium	ppm	4					
Boron	ppm	4 9					



ALTA EQUIPMENT COMPANY - METRO WEST

56195 PONTIAC TRAIL NEW HUDSON, MI US 48165 Contact: PAUL CONZ paul.conz@altg.com T: (313)348-8861 F: (248)356-2029

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. No other corrective action is recommended at this time.Metal levels are typical for a new component breaking in. 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: VOLVO2990 Unique No: 10778849 Signed: Wes Davis Report Date: 18 Dec 2023

Report Id: VOLVO2990 [WUSCAR] 06029058 (Generated: 12/18/2023 17:26:28) Rev: 1

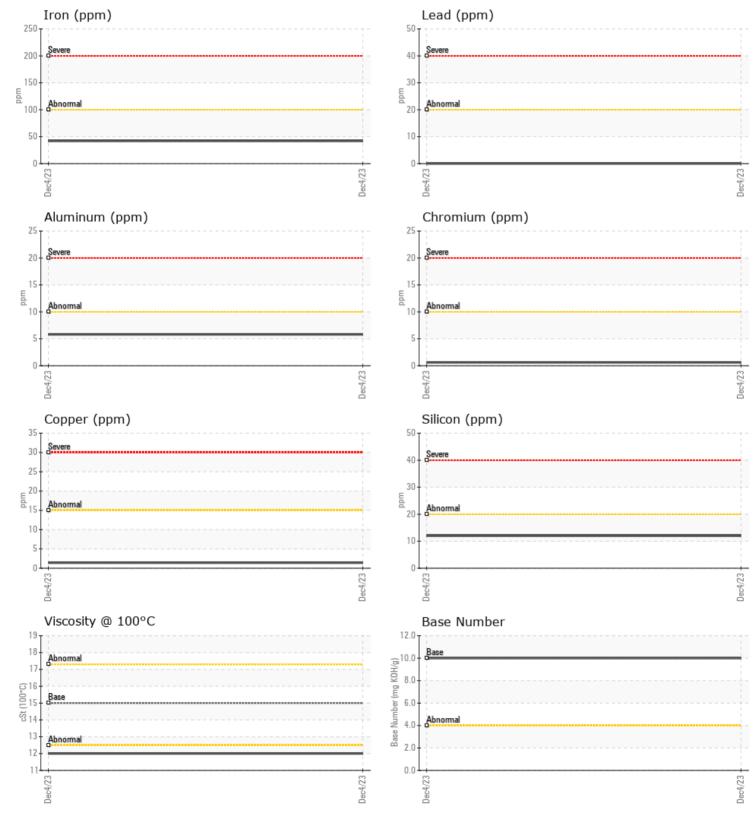
Contact/Location: PAUL CONZ - VOLVO2990

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Contact/Location: PAUL CONZ - VOLVO2990