CONSTRUCTION EQUIPMENT S50401893 AM WRECKIN VOLVO EC350EL 314505 - DIESELENG

Sample No: VCP441934

VOLVO

Oil Type: DIESEL ENGINE OIL SAE 15W40 Job No: S50401893 AM WRECKIN

SAMPLE INFORMATION

Sample Number	-	VCP441934	 	
Sample Date		20 Oct 2023	 	
Machine Hours		1015	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		ABNORMAL	 	
OIL CONDI				
Visc @ 100°C	cSt	🔺 12.0	 	
Base Number (BN)	mg KOH/g	7.9	 	
Oxidation (PA)	%	90	 	
CONTAMIN				
Soot %	%	0.1	 	
Nitration (PA)	%	70	 	
Sulfation (PA)	%	64	 	
Glycol	%	NEG	 	
Fuel	%	0.6	 	
Silicon	ppm	8	 	
Sodium	ppm	3	 	
Potassium	ppm	2	 	

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Iron	ppm	4	 	
Copper	ppm	🔺 56	 	
Lead	ppm	2	 	
Tin	ppm	1	 	
Aluminum	ppm	1	 	
Chromium	ppm	0	 	
Molybdenum	ppm	■41	 	
Nickel	ppm		 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	■<1	 	
Vanadium	ppm	0	 	

Vanadia

ADDITIVES							
Calcium	ppm	1597					
Magnesium	ppm	463					
Zinc	ppm	1071					
Phosphorus	ppm	919					
Barium	ppm	0					
Boron	ppm	1 9					



VCES- VOLVO CONSTRUCTION EQUIPMENT

22099 KNABE ROAD CORONA, CA US 92883 Contact: OSCAR DEL CAMPO oscar.delcampo@vcesvolvo.com T: (951)277-7620 F: (951)277-4550

Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.The copper level is abnormal. All other component wear rates are normal. Fuel content negligible. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

Depot:VUnique No:1Signed:JacReport Date:0

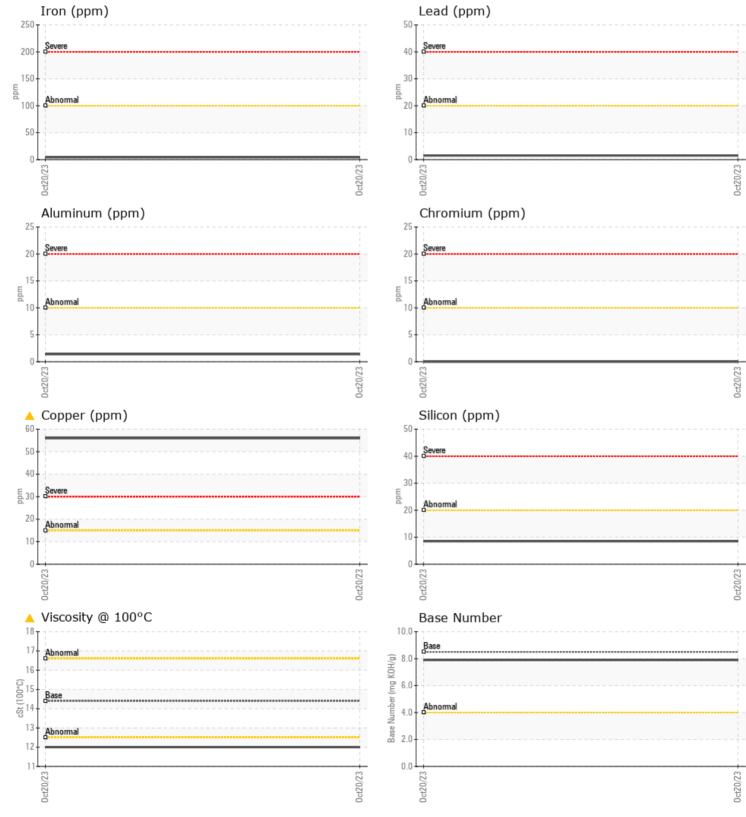
VOLVO4486 10724527 Jonathan Hester 07 Nov 2023

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO4486 [WUSCAR] 05996167 (Generated: 11/08/2023 15:11:21) Rev: 1

Contact/Location: OSCAR DEL CAMPO - VOLVO4486