CONSTRUCTION EQUIPMENT 595599 MADOR CONTRAC VOLVO ECR145E 311546 - DIESEL ENG

Sample No: VCP416958

VOLVO

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3 Job No: 595599 MADOR CONTRAC

SAMPLE INFORMATION

	AF URMA HUN				
Sample Number		VCP416958	VCP329529		
Sample Date		12 Sep 2023	02 Dec 2021		
Machine Hours		4054	2909		
Oil Hours		600	500		
Oil Changed		Changed	N/A		
Sample Status		NORMAL	ABNORMAL		
OIL CONDI	TION				
	-			-	-
Visc @ 100°C	cSt	13.6	12.97		
Viscosity Index (VI)			133		
Base Number (BN)	mg KOH/g	10.2	11.3		
Oxidation (PA)	%	82	80		
CONTAMIN	ATION				
Soot %	%	0.5	0.3		
Nitration (PA)	%	76	59		
Sulfation (PA)	%	60	62		
Glycol	%	NEG	NEG		
Fuel	%	<1.0	<1.0		
Silicon	ppm	8	20		
Sodium	ppm	3	2		
Potassium	ppm	1	□ <1		
	11				
VOLVO					
VEAR ME	TALS				
Iron	ppm	38	69		

WLAK I	METALS			
Iron	ppm	38	69	
Copper	ppm	5	3	
Lead	ppm	 <1	< 1	
Tin	ppm	1	1	
Aluminum	ppm	8	6	
Chromium	ppm	1	2	
Molybdenum	ppm	46	38	
Nickel	ppm		<1	
Titanium	ppm	<1	<1	
Silver	ppm	0	0	
Manganese	ppm	■ <1	< 1	
Vanadium	ppm	<1	0	

ADDITIVES							
Calcium	ppm	1956	1760				
Magnesium	ppm	590	526				
Zinc	ppm	1299	1104				
Phosphorus	ppm	1033	1000				
Barium	ppm	0	0				
Boron	ppm	34	53				



ALTA EQUIPMENT COMPANY - METRO WEST

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

Diagnosis

Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination 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: 10649629 Signed: Wes Davis Report Date: 20 Sep 2023

Report Id: VOLVO2990 [WUSCAR] 05953670 (Generated: 09/20/2023 05:07:46) Rev: 1

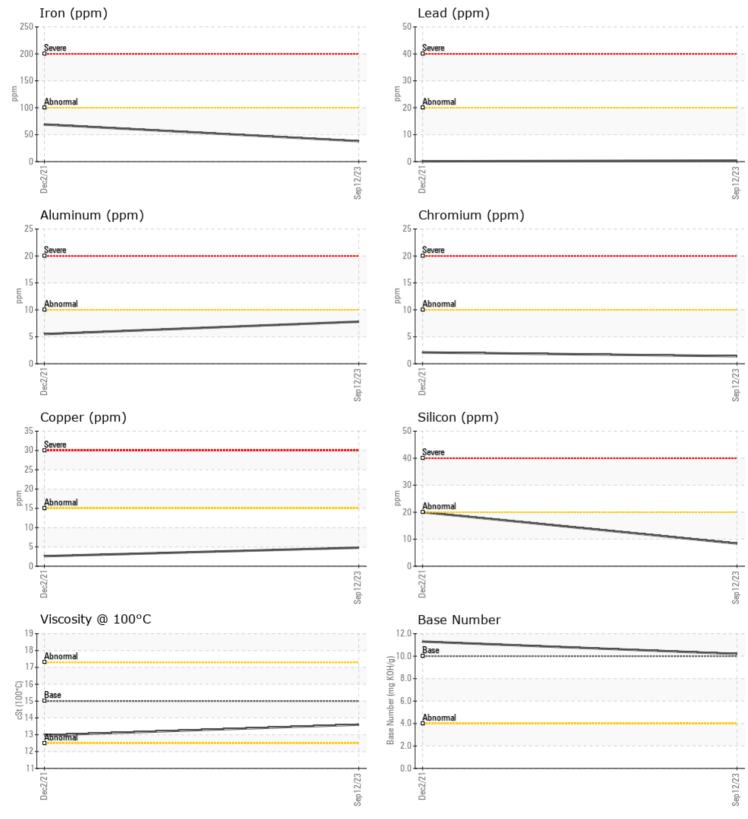
Contact/Location: PAUL CONZ - VOLVO2990

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: PAUL CONZ - VOLVO2990