CONSTRUCTION EQUIPMENT VOLVO EC250ELR 316389 - DIESEL ENGINE X58852



Sample No: VCP426010 **Oil Type: DIESEL ENGINE OIL SAE 40** Job No: X58852

SAMPLE INFORMATION

%

ppm

ppm

ppm

<1.0

6

2

10

VOLVO

Sample Number		VCP426010	VCP400899	
Sample Date		06 Nov 2023	12 Jun 2023	
Machine Hours		1374	853	
Oil Hours		0	0	
Oil Changed		Changed	Changed	
Sample Status		NORMAL	NORMAL	
OIL CONDI	TION			
Visc @ 100°C	cSt	13.1	13.6	
Base Number (BN)	mg KOH/g	10.4	8.1	
Oxidation (PA)	%	78	33	
CONTAMIN	ATION			
Soot %	%	0.2	0.1	
Nitration (PA)	%	53	45	
Sulfation (PA)	%	60	41	
Glycol	%	NEG	NEG	

<1.0

7

2

9



SCOTT EQUIPMENT COMPANY LLC - Saint Rose PO BOX 997 SAINT ROSE, LA

US 70087 Contact: DENISE CORVERS dcorvers@scottcompanies.com T: (504)461-0961 F: (504)461-0970

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.

Potassium	

Fuel

Silicon

Sodium

WEAR N	METALS			
Iron	ppm	8	10	
Copper	ppm	2	5	
Lead	ppm	0	0	
Tin	ppm	0	0	
Aluminum	ppm	3	1	
Chromium	ppm		<1	
Molybdenum	ppm	47	117	
Nickel	ppm	0	<1	
Titanium	ppm	0	0	
Silver	ppm	0	<1	
Manganese	ppm	□<1	<1	
Vanadium	ppm	0	0	

ZEVITIDA VIII					
Calcium	ppm	1847	2689		
Magnesium	ppm	482	18		
Zinc	ppm	1223	1199		
Phosphorus	ppm	973	1038		
Barium	ppm	0	0		
Boron	ppm	41	7		

Depot: SCOSAI Unique No: 10736449 Signed: Wes Davis Report Date: 10 Nov 2023

Report Id: SCOSAI [WUSCAR] 06002687 (Generated: 11/12/2023 14:06:21) Rev: 1

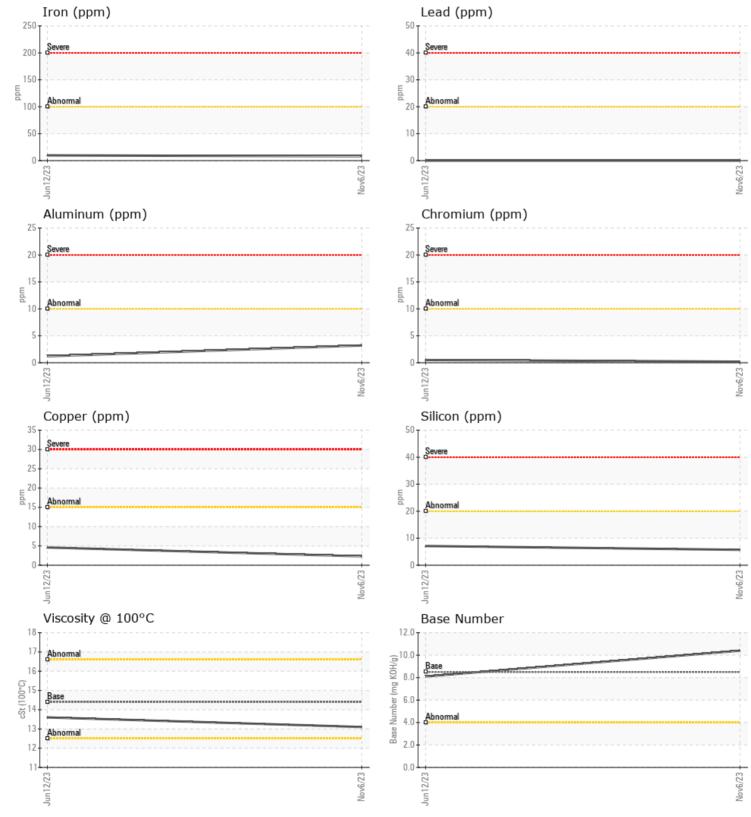
Contact/Location: DENISE CORVERS - SCOSAI

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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