CONSTRUCTION EQUIPMENT VOLVO EC480EL 314823 - DIESEL ENGINE RYAN GOLF

Sample No:	VCP440910
Oil Type:	DIESEL ENGINE OIL SAE 15W40
Job No:	RYAN GOLF

SAMPLE INFORMATION

ppm

ppm

ppm

2

2

<1

Sodium

Potassium

Vanadium

VOLVO

Sample Number	-	VCP440910	 	
Sample Date		14 Feb 2024	 	
Machine Hours		3737	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		ABNORMAL	 	
OIL CONDIT	FION			
Visc @ 100°C	cSt	13.1	 	
Base Number (BN)	mg KOH/g	8.9	 	
Oxidation (PA)	%	72	 	
CONTAMIN				
Water	%	NEG	 	
Soot %	%	1.2	 	
Nitration (PA)	%	76	 	
Sulfation (PA)	%	60	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	4 24	 	

WEAR METALS Iron 25 ppm 5 Copper ppm Lead 3 ppm 2 Tin ppm Aluminum ppm 4 2 Chromium ppm Molybdenum ppm 51 Nickel 3 ppm Titanium **||** <1 ppm 0 Silver ppm Manganese 1 ppm

ADDITIVES							
Calcium	ppm	1297					
Magnesium	ppm	595					
Zinc	ppm	1087					
Phosphorus	ppm	893					
Barium	ppm	1					
Boron	ppm	8					



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC 8418 PALM RIVER ROAD

TAMPA, FL US 33619 Contact: KENNY HANEY khaney@flaglerce.com T: (813)630-0077 F: (813)630-2233

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor.All component wear rates are normal. Elemental level of silicon (Si) above normal indicating ingress of seal material. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO0093 Unique No: 10900459 Signed: Sean Felton Report Date: 29 Feb 2024

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Report Id: VOLVO0093 [WUSCAR] 06102229 (Generated: 02/29/2024 15:52:38) Rev: 1
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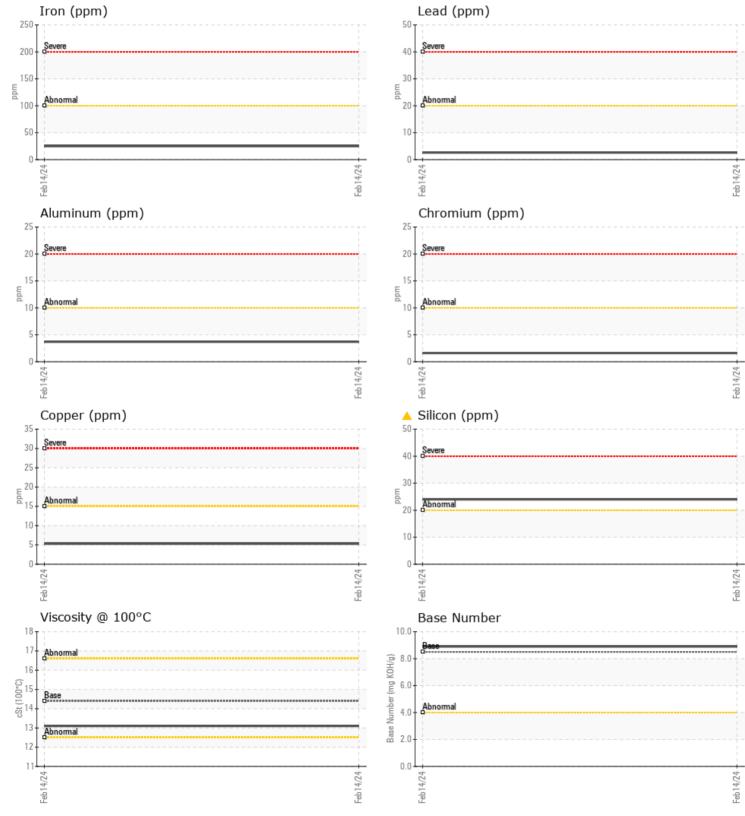
Contact/Location: KENNY HANEY - VOLVO0093

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO0093 [WUSCAR] 06102229 (Generated: 02/29/2024 15:52:40) Rev: 1

Contact/Location: KENNY HANEY - VOLVO0093