CONSTRUCTION EQUIPMENT X58540 VOLVO EC250EL 316192 - DIESEL ENGINE



 Sample No:
 VCP413459

 Oil Type:
 DIESEL ENGINE OIL SAE 40

 Job No:
 X58540

SAMPLE INFORMATION

VOLVO

Sample Number	-	VCP413459	VCP379185	
Sample Date		06 Sep 2023	31 Aug 2022	
Machine Hours		2022	535	
Oil Hours		0	0	
Oil Changed		Changed	Changed	
Sample Status		NORMAL	NORMAL	
Visc @ 100°C	cSt	13.0	11.3	
Base Number (BN) mg KOH/g	10.0	7.6	
Oxidation (PA)	%	80	64	
CONTAM				
Soot %	%	0.2	0.1	
Nitration (PA)	%	54	75	
Sulfation (PA)	%	60	56	
Glycol	%	NEG	NEG	
Fuel	%	<1.0	0.3	
Silicon	ppm	6	17	

Potassium

ppm

ppm

3

5

Sodium

WEAR N	METALS			
Iron	ppm	10	14	
Copper	ppm	2	41	
Lead	ppm	■ <1	<1	
Tin	ppm	 <1	□ <1	
Aluminum	ppm	2	6	
Chromium	ppm	 <1	<1	
Molybdenum	ppm	43	79	
Nickel	ppm	 <1	0	
Titanium	ppm	0	0	
Silver	ppm	 <1	2	
Manganese	ppm	1	2	
Vanadium	ppm	0	0	

4

20

ADDITIVES							
Calcium	ppm	1838	2059				
Magnesium	ppm	574	63				
Zinc	ppm	1270	1164				
Phosphorus	ppm	999	944				
Barium	ppm	0	2				
Boron	ppm	30	47				



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. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DIESEL ENGINE OIL SAE 40. Please confirm.

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:
 SCOSAI

 Unique No:
 10643012

 Signed:
 Wes Davis

 Report Date:
 12 Sep 2023

Report Id: SCOSAI [WUSCAR] 05947053 (Generated: 09/12/2023 17:51:49) Rev: 1

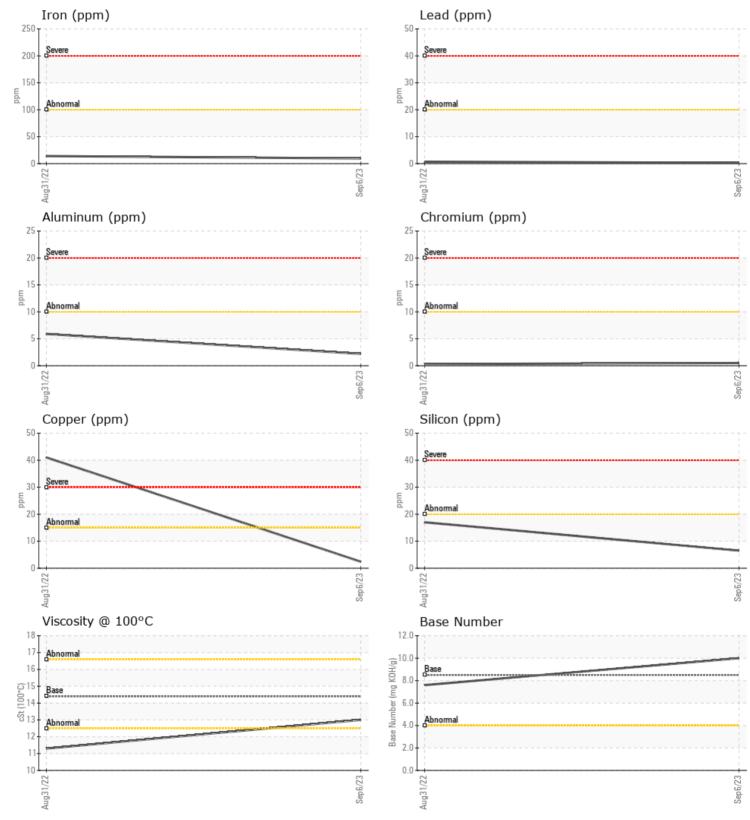
Contact/Location: DENISE CORVERS - SCOSAI

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: SCOSAI [WUSCAR] 05947053 (Generated: 09/12/2023 17:51:52) Rev: 1

Contact/Location: DENISE CORVERS - SCOSAI