CONSTRUCTION EQUIPMENT X58161 VOLVO ECR235EL 311537 - DIESEL ENGINE



 Sample No:
 VCP322919

 Oil Type:
 VOLVO ULT

VOLVO

volvo ultra diesel engine oil 15w40 vds-3x58161

<1.0

6

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2

Job No:

SAMPLE INFORMATION

%

ppm

ppm

ppm

Sample Number		VCP322919	VCP333011	
Sample Date		07 Jul 2023	17 Feb 2022	
Machine Hours		4049	2741	
Oil Hours		0	0	
Oil Changed		Changed	Changed	
Sample Status		NORMAL	NORMAL	
OIL CONDI	TION			
Visc @ 100°C	cSt	13.3	13.2	
Base Number (BN)	mg KOH/g	10.2	6.2	
Oxidation (PA)	%	82	87	
CONTAMIN	IATION			_
Soot %	%	0.2	0.4	
Nitration (PA)	%	62	98	
Sulfation (PA)	%	62	73	
Glycol	%	NEG	NEG	



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

VOLVO				
WEAK I	METALS		<u>_</u>	
Iron	ppm	11	39	
Copper	ppm	■1	8	
Lead	ppm	0	4	
Tin	ppm		1	
Aluminum	ppm	2	14	
Chromium	ppm		1	
Molybdenum	ppm	4 4	98	
Nickel	ppm		<1	
Titanium	ppm	0	<1	
Silver	ppm	0	<1	
Manganese	ppm	□<1	< 1	
Vanadium	ppm	0	<1	

<1.0

11

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vanadiu

ADDITIVES						
Calcium	ppm	1787	2011			
Magnesium	ppm	415	300			
Zinc	ppm	1142	1218			
Phosphorus	ppm	962	1029			
Barium	ppm	0	0			
Boron	ppm	53	47			

 Depot:
 SCOSAI

 Unique No:
 10552465

 Signed:
 Wes Davis

 Report Date:
 13 Jul 2023

Report Id: SCOSAI [WUSCAR] 05896655 (Generated: 07/13/2023 11:35:24) Rev: 1

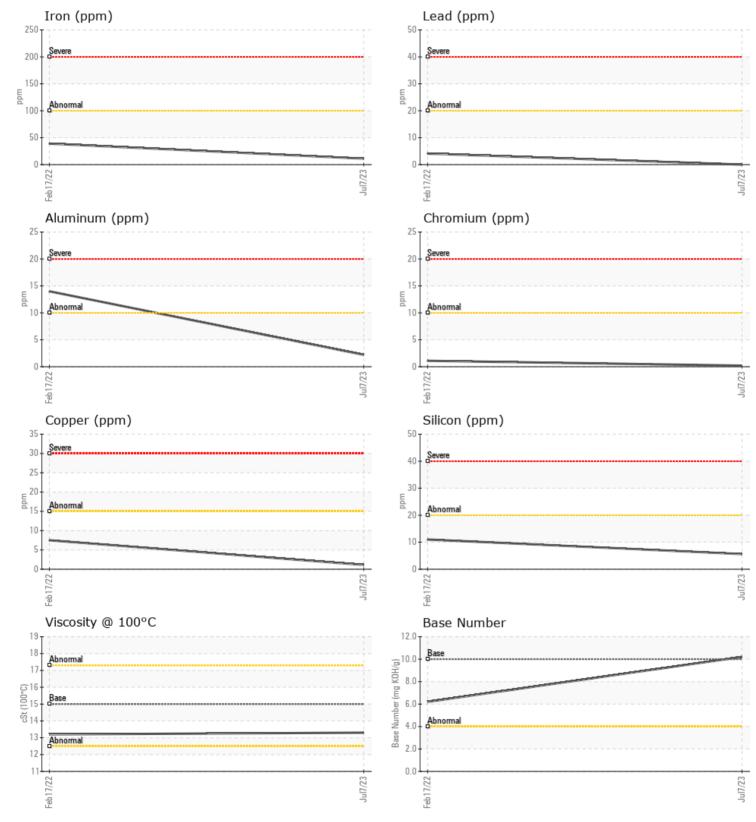
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CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: DENISE CORVERS - SCOSAI