## CONSTRUCTION EQUIPMENT 1019583-1 VOLVO EC250EL 310711 - DIESEL ENGINE

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 Sample No:
 VCP419391

 Oil Type:
 VOLVO ULTRA

 Job No:
 1019583-1

VOLVO

VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3 1019583-1



#### SAMPLE INFORMATION VCP419391 Sample Number Sample Date 12 Jun 2023 Machine Hours 3428 Oil Hours 1 Oil Changed N/A NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 15.2 Base Number (BN) mg KOH/g 8.1 Oxidation (PA) 53 % CONTAMINATION % 0.1 Soot %

Nitration (PA)	%	66	 	
Sulfation (PA)	%	49	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	<b>1</b> 0	 	
Sodium	ppm	<b>1</b>	 	
Potassium	ppm	3	 	

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WEAR N	METALS			
Iron	ppm	<b>1</b>	 	
Copper	ppm	0	 	
Lead	ppm	0	 	
Tin	ppm	<b></b> <1	 	
Aluminum	ppm	<b>4</b>	 	
Chromium	ppm	<b></b> <1	 	
Molybdenum	ppm	67	 	
Nickel	ppm	<b>1</b>	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	■ <1	 	
Vanadium	ppm	<1	 	

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ADDITIVES								
ppm	2140							
ppm	115							
ppm	1322							
ppm	<b>1090</b>							
ppm	0							
ppm	<b>100</b>							
	ppm ppm ppm ppm	ppm 115 ppm 1322 ppm 1090 ppm 0	ppm         115            ppm         1322            ppm         1090            ppm         0	ppm         115             ppm         1322             ppm         1090             ppm         0				



### ARNOLD MACHINERY COMPANY

2975 WEST 2100 SOUTH SALT LAKE CITY, UT US 84119 Contact: TJ LARK tlark@arnoldmachinery.com T: (801)972-4000 F: (801)975-9434

## 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:
 VOLV08770

 Unique No:
 10520498

 Signed:
 Don Baldridge

 Report Date:
 18 Jun 2023

Report Id: VOLVO8770 [WUSCAR] 05875395 (Generated: 07/28/2023 10:20:47) Rev: 1

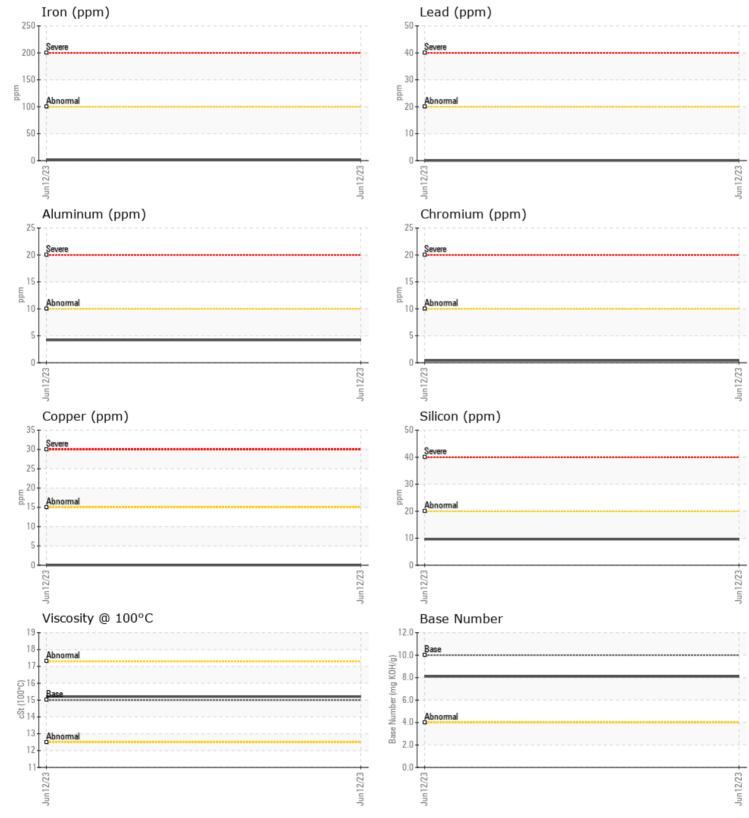
Contact/Location: TJ LARK - VOLVO8770

# **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



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Contact/Location: TJ LARK - VOLVO8770