CONSTRUCTION EQUIPMENT X48793 TADANO GTC-700 600-130 - DIESEL ENGINE



 Sample No:
 VCP442871

 Oil Type:
 VOLVO ULT

VOLVO

VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
X48793

Job No:

Potassium

ppm

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SAMPLE INFORMATION

	LINFURMATION			
Sample Number		VCP442871	VCP407882	
Sample Date		01 Apr 2024	05 Jun 2023	
Machine Hours		2179	1880	
Oil Hours		0	0	
Oil Changed		N/A	N/A	
Sample Status		NORMAL	MARGINAL	
OIL CON	DITION			
Visc @ 100°C	cSt	12.3	12.0	
Base Number (BN	N) mg KOH/g	9.9	7.5	
Oxidation (PA)	%	87	98	
CONTAN	MINATION			
Water	%	NEG	NEG	
Soot %	%	0.1	0.2	
Nitration (PA)	%	63	91	
Sulfation (PA)	%	62	68	
Glycol	%	NEG	NEG	
Fuel	%	1.1	▲ 3.1	
Silicon	ppm	11	15	
Sodium	ppm	2	3	

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SCOTT EQUIPMENT COMPANY LLC - Lake Charles

PO BOX 16955 LAKE CHARLES, LA US 70616 Contact: TINA LEDOUX tledoux@scottcompanies.com T: (337)433-9811 F: (318)433-6623

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor.All component wear rates are normal. Light fuel dilution occurring. No other contaminants were detected 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.

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LIALS				
ppm	18	69		
ppm	3	11		
ppm	 <1	0		
ppm	■ <1	 <1		
ppm	4	5		
ppm	■ <1	3		
ppm	38	37		
ppm	■ <1	0		
ppm	0	 <1		
ppm	0	0		
ppm	■<1	2		
ppm	0	0		
	ppm ppm ppm ppm ppm ppm ppm ppm ppm	ppm 18 ppm 3 ppm <1	ppm 18 69 ppm 3 11 ppm <1	ppm 18 69 ppm 3 11 ppm <1

4

ADDITIVES								
Calcium	ppm	1605	1729					
Magnesium	ppm	484	445					
Zinc	ppm	1110	1072					
Phosphorus	ppm	950	788					
Barium	ppm	0	0					
Boron	ppm	46	26					

 Depot:
 VOLVO6244

 Unique No:
 10964416

 Signed:
 Wes Davis

 Report Date:
 09 Apr 2024

Report Id: VOLVO6244 [WUSCAR] 06139608 (Generated: 04/09/2024 10:46:20) Rev: 1

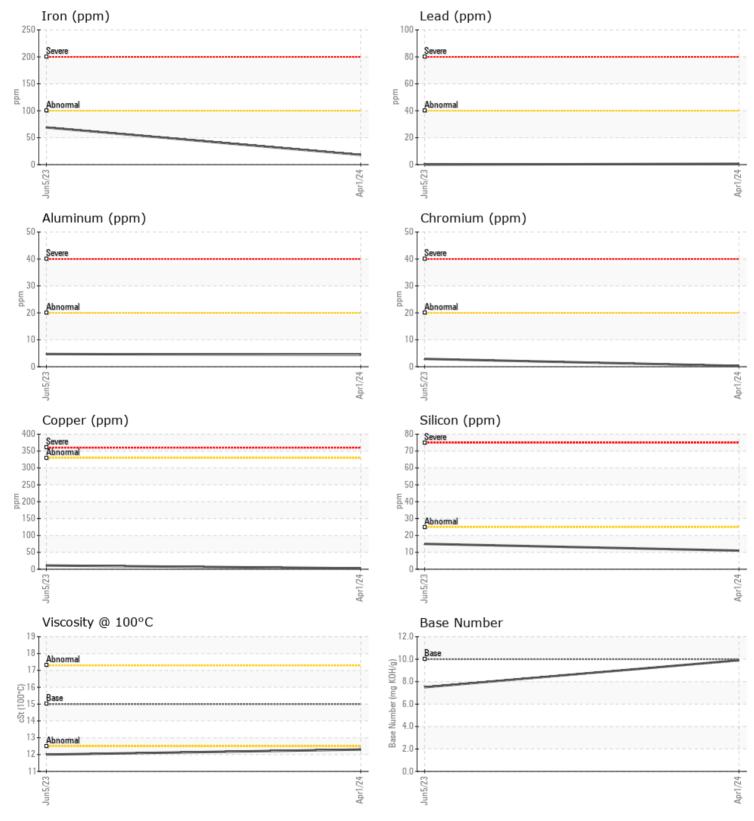
Contact/Location: TINA LEDOUX - VOLVO6244

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Contact/Location: TINA LEDOUX - VOLVO6244