CONSTRUCTION EQUIPMENT 25642 VOLVO DD70 276436 - DIESEL ENGINE



Sample No: VCP453901

VOLVO

Oil Type:	VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No:	25642

SAMPLE	INFORMATION			
Sample Number		VCP453901	VCP400688	
Sample Date		20 May 2024	28 Feb 2023	
Machine Hours		3961	3486	
Oil Hours		500	0	
Oil Changed		Changed	Changed	
Sample Status		NORMAL	NORMAL	
OIL CONE	DITION			
Visc @ 100°C	cSt	12.9	13.5	
Base Number (BN) mg KOH/g	9.5	9.5	
Oxidation (PA)	%	85	87	
VOLVO				
CONTAM				
Water	%	NEG	NEG	
Soot %	%	0.3	0.4	
Nitration (PA)	%	80	88	
Sulfation (PA)	%	61	65	
Glycol	%	NEG	NEG	
Fuel	%	<1.0	< 1.0	
Silicon	ppm	7	7	
Sodium	ppm	4	3	
Potassium	ppm	2	0	
VOLVO				
WEAR M	ETALS			
Iron		21	21	
Copper	ppm	2	<1	
Lead	ppm ppm	□ ∠ □ <1		
Tin	ppm	■ <1	0	
Aluminum		5	2	
Chromium	ppm	1	□ <1	
Molybdenum	ppm	4 2	□ 52	
Nickel	ppm	■ 42 ■ <1	0	
Titanium	ppm	<1 <1	<1	
Silver	ppm	∎1	0	
	ppm			
Manganese Vanadium	ppm	■<1 <1	0	
variauluiti	ppm		0	
VOLVO				
eoneo				
ADDITIV	5			
V ADDITIV		1711	1719	
Calcium Magnesium	ppm	1711 520	□ 1719 □ 514	
Calcium Magnesium	ppm ppm	520	□ 1719 □ 514 □ 1143	
ADDITIV Calcium Magnesium Zinc	ppm ppm ppm	□ 520 □ 1140	□ 514 □ 1143	
Calcium Magnesium	ppm ppm	520	514	

218 - ASCENDUM MACHINERY INC - N. CHARLESTON

7235 CROSS COUNTRY RD. NORTH CHARLESTON, SC US 29418 Contact: MATT MITCHAM matt.mitcham@ascendummachinery.com T: F: (843)414-1129

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:
 VOLVO3387

 Unique No:
 11050424

 Signed:
 Wes Davis

 Report Date:
 30 May 2024

Report Id: VOLVO3387 [WUSCAR] 06193672 (Generated: 05/30/2024 15:46:56) Rev: 1

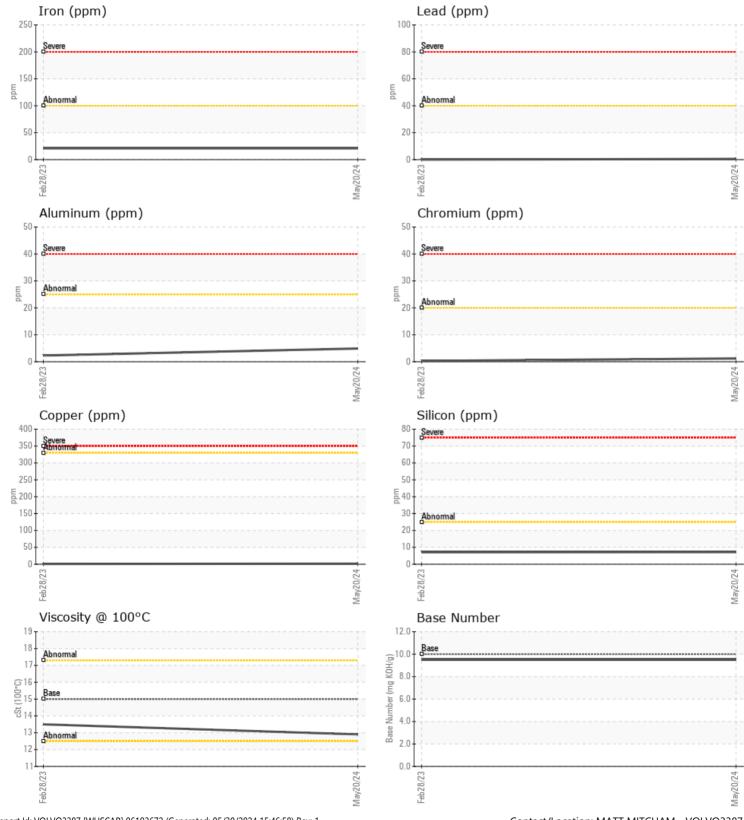
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CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: MATT MITCHAM - VOLVO3387