CONSTRUCTION EQUIPMENT SPM673556-10 VOLVOL150H 7044 - DIESEL ENGINE



Sample No: VCP441083 **Oil Type:** VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3 Job No: SPM673556-10

VOLVO

Sample Number VCP441083 VCP376071 Sample Date 13 Feb 2024 01 Nov 2023 Machine Hours 3484 2819 Oil Hours 0 0 Oil Hours 0 0 Oil Changed N/A Changed Sample Status ABNORMAL ABNORMAL Visc @ 100°C cSt 12.8 12.4 Base Number (BN) mg KOH/g 9.7 8.3 Oxidation (PA) % 77 85	
Machine Hours 3484 2819 Oil Hours 0 0 Oil Changed N/A Changed Sample Status ABNORMAL ABNORMAL OIL CONDITION Visc @ 100°C cSt ■12.8 ▲ 12.4 Base Number (BN) mg KOH/g ■9.7 ■8.3 Oxidation (PA) % 77 85	
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CONTAMINATION	
Water % NEG	
Soot % % 🔲 0.3 🔲 0.4	
Nitration (PA) % 58 76	
Sulfation (PA) % 60 61	
Glycol % NEG	
Fuel % <1.0 □0.4	
Silicon ppm 5 6	
Sodium ppm 2 2	
Potassium ppm C <1 5	
VOLVO	
WEAR METALS	
Iron ppm 8 11	
Copper ppm 🔺 26 🔺 86	
Lead ppm < 1	
Tin ppm □<1 □2	
Aluminum ppm 1 2	
Chromium ppm □ 0 □ <1	

51

1

0

< 1

<1

0



ALTA EQUIPMENT COMPANY

5151 DR MARTIN LUTHER KING BLVD FORT MYERS, FL US 33905 Contact: TODD LARK tlark@altaequipfl.com T: F: (239)481-3302

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor.The copper level has decreased, but is still abnormal. All other 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 acceptable for the time in service.

ADITIVES						
	ppm	1793	1798			
ium	ppm	545	594			
	ppm	1208	1269			
orus	ppm	990	1002			
	ppm	0	0			
	ppm	26	22			

Depot: VOLVO0090 Unique No: 10887548 Signed: Don Baldridge Report Date: 22 Feb 2024

Report Id: VOLVO0090 [WUSCAR] 06094695 (Generated: 02/22/2024 10:26:41) Rev: 1

47

0

1

0

|| <1

0

ppm

ppm

ppm

ppm

ppm

ppm

Molybdenum

Nickel

Silver

Titanium

Manganese

Vanadium

Calcium Magnesium Zinc Phosphorus Barium

Boron

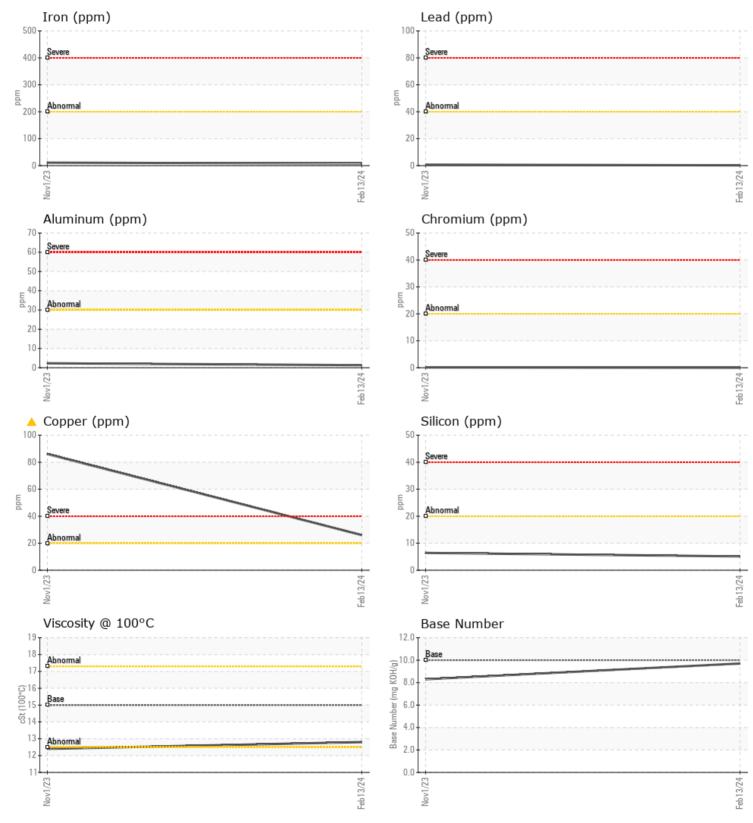
Contact/Location: TODD LARK - VOLVO0090

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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