VOLVO **CONSTRUCTION EQUIPMENT** 527926-20

Sample No: VCP446077 **Oil Type:**

VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3 527926-20

> VCP446077 04 Apr 2024

755

755

Changed ABNORMAL

13.0

76

9.5

0

VOLVO L90H 627131 - DIESEL ENGINE

Job No:

SAMPLE INFORMATION

Sample Number	
Sample Date	
Machine Hours	
Oil Hours	
Oil Changed	
Sample Status	
OIL CONDITION	
Visc @ 100°C cSt	

Visc @ 100°C Base Number (BN) mg KOH/g A) %

VOLVO	Oxidatio	n (P
	VOLVO	[0]

Potassium

ppm

VOLVO			
CONTAMIN	IATION		
Water	%	NEG	
Soot %	%	0.3	
Nitration (PA)	%	67	
Sulfation (PA)	%	58	
Glycol	%	NEG	
Fuel	%	<1.0	
Silicon	ppm	17	
Sodium	ppm	3	

ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC

9601 BOGGY CREEK RD ORLANDO, FL US 32824 Contact: BRAD BYRO bradley.byro@altg.com T: (407)850-9614 F: (407)659-8720

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. The aluminum level is abnormal. All other metal levels are typical for a new component breaking in. 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.

VOLVO				
WEND I	METALS			
WEAR I	METALS			
Iron	ppm	37	 	
Copper	ppm	7	 	
Lead	ppm	0	 	
Tin	ppm	3	 	
Aluminum	ppm	<u> </u>	 	
Chromium	ppm	8	 	
Molybdenum	ppm	35	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	4	 	
Vanadium	ppm	0	 	

ADDITI	VES			
Calcium	ppm	1716	 	
Magnesium	ppm	537	 	
Zinc	ppm	1138	 	
Phosphorus	ppm	981	 	
Barium	ppm	2	 	
Boron	ppm	37	 	

Depot: VOLVO0096 Unique No: 10965818 Signed: Jonathan Hester Report Date: 10 Apr 2024

Report Id: VOLVO0096 [WUSCAR] 06141010 (Generated: 04/10/2024 12:26:25) Rev: 1

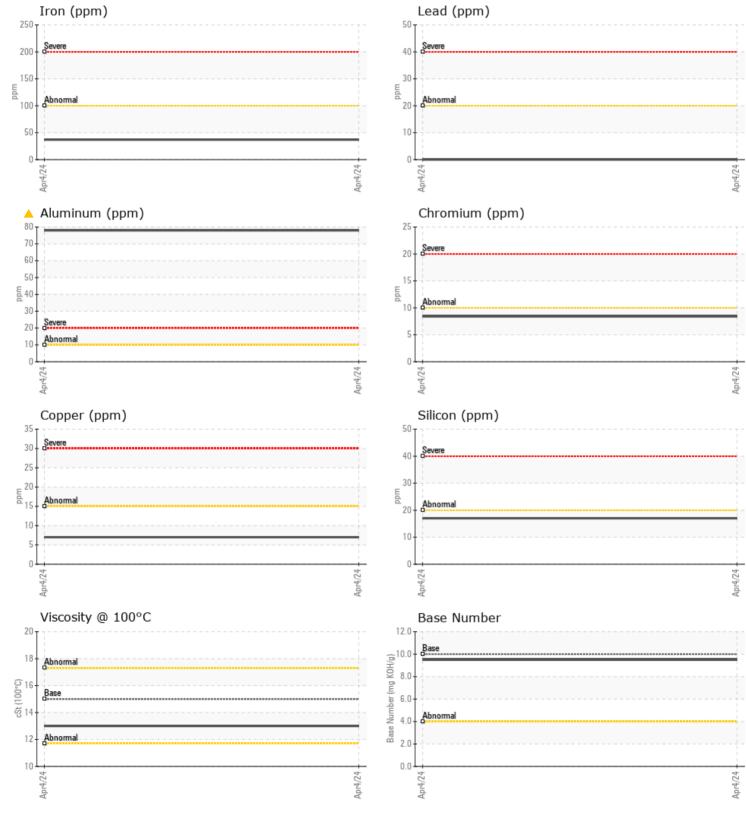
Contact/Location: BRAD BYRO - VOLVO0096

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Contact/Location: BRAD BYRO - VOLVO0096