

CONSTRUCTION EQUIPMENT VOLVO L90H 626602 - DIESEL ENGINE



Sample No: VCP454111

VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Oil Type: Job No:

				and the second s
	FORMATION			
Sample Number		VCP454111	 	
Sample Date		13 Feb 2024	 	 ALTA EQUIPMENT/FLAGLER EQU
Machine Hours		398	 	 9601 BOGGY CREEK RD
Oil Hours		0	 	 ORLANDO, FL
Oil Changed		Changed	 	 US 32824
Sample Status		ABNORMAL	 	 Contact: BRAD BYRO
		ADITORINAL		bradley.byro@altg.com
VOLVO				T: (407)850-9614
VIL CONDI	IIUN			F: (407)659-8720
Visc @ 100°C	cSt	12.9	 	
Base Number (BN)	mg KOH/g	9.6	 	 D
Oxidation (PA)	%	74	 	 Diagnosis
				The oil change at the time
CONTAMI				sampling has been noted.
<u> </u>	-			corrective action is recommended the
Water	%	NEG	 	 this time. Resample at the service interval to monitor
Soot %	%	0.2	 	 aluminum level is abnorm
Nitration (PA)	%	58	 	 component wear rates are
Sulfation (PA)	%	59	 	 There is no indication of a
Glycol	%	NEG	 	 contamination in the oil.
Fuel	%	<1.0	 	 result indicates that there
Silicon	ppm	22	 	 alkalinity remaining in the
Sodium	ppm	5	 	 condition of the oil is acce the time in service.
Potassium	ppm	3	 	 the time in service.
VOLVO				
VEAR ME	TALS			
Iron	ppm	33	 	 -
Copper	ppm	11	 	
Lead	ppm	□ 1	 	
Tin	ppm	3	 	
Aluminum	ppm	▲ 50	 	
Chromium	ppm	4	 	
Molybdenum	ppm	63	 	
Nickel	ppm	_ <1	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	5	 	
Vanadium	ppm	0	 	
	ppiii	v		
VOLVO				
ADDITIVE:	2			
Calcium	ppm	1962	 	 —
Magnesium	ppm	730	 	
Zinc	ppm	1526	 	
Phosphorus	ppm	1358	 	
Barium	ppm	14	 	 Depot: VOLVO0096
Boron	ppm	126	 	 Unique No: 10885603

GLER EQUIPMENT LLC

e time of noted. No recommended at at the next nonitor.The bnormal. All other ites are normal. on of any ne oil. The BN there is suitable in the oil. The is acceptable for

20 Feb 2024

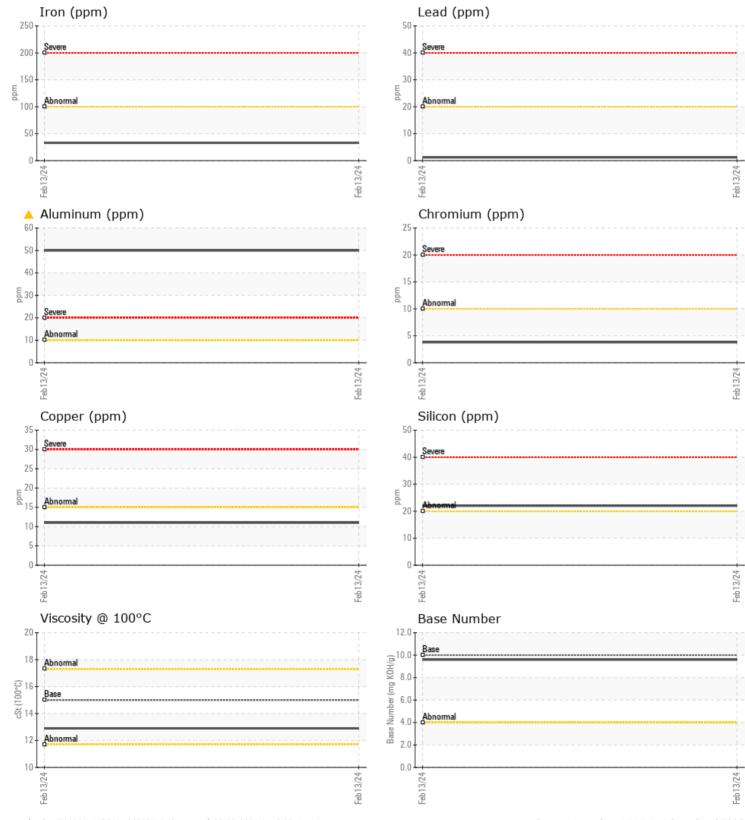
Report Date:

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO0096 [WUSCAR] 06092750 (Generated: 02/20/2024 15:40:00) Rev: 1

Contact/Location: BRAD BYRO - VOLVO0096