CONSTRUCTION EQUIPMENT 660415 VOLVO A30G 752984 - DIESEL ENGINE



Sample No: VCP437636

Potassium

ppm

2

VOLVO

Oil Type:	VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No:	660415

SAMPLE INFORMATION VCP437636 Sample Number VCP415616 Sample Date 18 Jan 2024 24 Aug 2023 Machine Hours 1183 342 Oil Hours 0 0 Oil Changed Changed Not Changd ATTENTION ABNORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt **12.4 1**0.7 Base Number (BN) mg KOH/g 7.4 6.2 Oxidation (PA) 85 56 % CONTAMINATION NEG Water % NEG % Soot % 0.4 0.2 Nitration (PA) 82 75 % % 63 51 Sulfation (PA) Glycol % NEG NEG Fuel % 0.3 <1.0 Silicon ppm 9 🔲 37 4 Sodium ppm 0 🔲



WLW CONSTRUCTION

PO BOX 377 MT DORA, FL US 32756-0377 Contact: ELAINE STULTZ elaine@wlwconstruction.com T: (352)383-7305 F:

Diagnosis

Oil and filter change at the time of sampling has been noted. 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 oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

Iron	ppm	17	22	
Copper	ppm	184	▲ 348	
Lead	ppm	1	6	
Tin	ppm	2	3	
Aluminum	ppm	2	3	
Chromium	ppm		□ <1	
Molybdenum	ppm	48	88	
Nickel	ppm	3	2	
Titanium	ppm	<1	<1	
Silver	ppm		1	
Manganese	ppm	3	6	
Vanadium	ppm	<1	<1	

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Calcium	ppm	1702	2225				
Magnesium	ppm	483	23				
Zinc	ppm	1134	1262				
Phosphorus	ppm	913	1061				
Barium	ppm	1	0				
Boron	ppm	1 9	39				

 Depot:
 WLWMOU

 Unique No:
 10844819

 Signed:
 Sean Felton

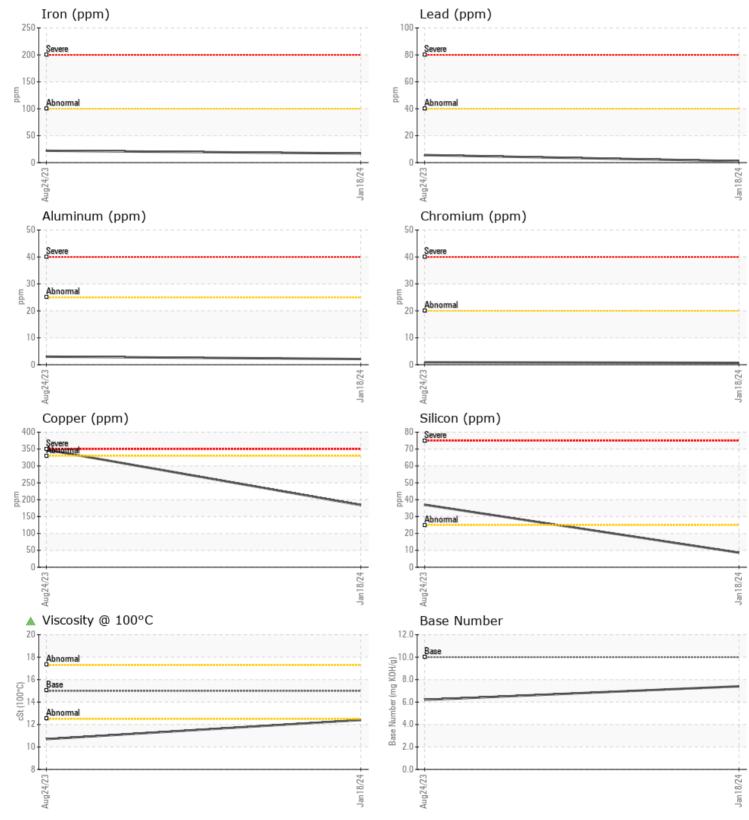
 Report Date:
 25 Jan 2024

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: WLWMOU [WUSCAR] 06068142 (Generated: 01/25/2024 09:25:10) Rev: 1

Contact/Location: ELAINE STULTZ - WLWMOU