VOLVO **CONSTRUCTION EQUIPMENT** VOLVO A40G 353008 - DIESEL ENGINE 6407



Sample No: VCP422397

6407

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No:

SAMPLE I	NFORMATION			
Sample Number		VCP422397	 	
Sample Date		30 Mar 2023	 	
Machine Hours		3012	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		ATTENTION	 	
OIL CONDI	TION			
Visc @ 100°C	cSt	12.1	 	
Base Number (BN)	mg KOH/g	10.9	 	
Oxidation (PA)	%	84	 	
CONTAMI	NATION			
Soot %	%	0.2	 	
Nitration (PA)	%	71	 	
Sulfation (PA)	%	63	 	
Glycol	%	NEG	 	
Fuel	%	0.5	 	
Silicon	ppm	6	 	
Sodium	ppm	🔺 111	 	
Potassium	ppm	2	 	
WEAR ME			 	

WLAR N	NETALS			
Iron	ppm	6	 	
Copper	ppm	2	 	
Lead	ppm	0	 	
Tin	ppm	0	 	
Aluminum	ppm	□ <1	 	
Chromium	ppm	0	 	
Molybdenum	ppm	43	 	
Nickel	ppm	0	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	0	 	
Vanadium	ppm	0	 	

ADDITIVES							
Calcium	ppm	1805					
Magnesium	ppm	543					
Zinc	ppm	1205					
Phosphorus	ppm	998					
Barium	ppm	0					
Boron	ppm	41					



364 - ASCENDUM MACHINERY INC - MACON

4807 HARRISON RD MACON, GA US 31206 Contact: HALIE BAKER halie.baker@ascendummachinery.com T: F: (478)200-5859

Diagnosis

Oil and filter change at the time of sampling has been noted. We recommend an early resample to monitor this condition.All component wear rates are normal. Sodium and/or potassium levels are high. Fuel content negligible. Test for glycol is negative. The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

Depot: ASCMAC Unique No: 10536795 Signed: Jonathan Hester Report Date: 03 Jul 2023

Report Id: ASCMAC [WUSCAR] 05886312 (Generated: 07/03/2023 13:00:06) Rev: 1

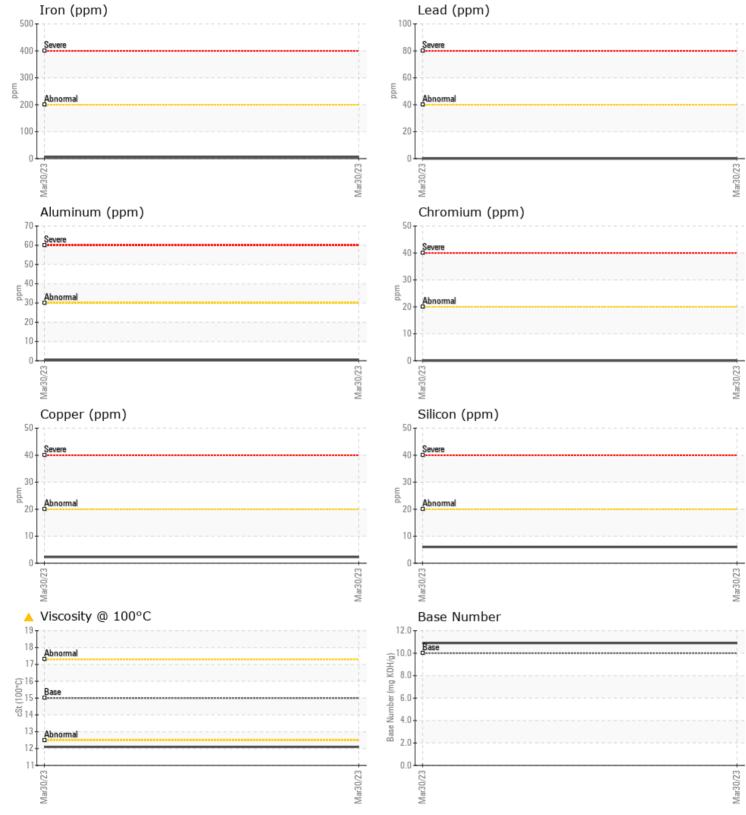
Contact/Location: ` - HALIE BAKER - ASCMAC

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: ` - HALIE BAKER - ASCMAC