CONSTRUCTION EQUIPMENT SPM595419 PALM BCH A VOLVO A40G 352783 - DIESEL ENGINE

Sample No: VCP413404

VOLVO

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3 Job No: SPM595419 PALM BCH A

.

SAMPLE INFORMATION

Sample Number		VCP413404	 	
Sample Date		26 Aug 2023	 	
Machine Hours		2904	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
OIL CONDI	TION			
Visc @ 100°C	cSt	13.4	 	
Base Number (BN)	mg KOH/g	9.1	 	
Oxidation (PA)	%	55	 	
CONTAMI	NATION			
Soot %	%	0.2	 	
Nitration (PA)	%	55	 	
Sulfation (PA)	%	51	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	3	 	
Sodium	ppm	2	 	
Potassium	ppm	■ <1	 	

Potassium

WEAR I	METALS			
Iron	ppm	5	 	
Copper	ppm	3	 	
Lead	ppm	0	 	
Tin	ppm	 <1	 	
Aluminum	ppm	2	 	
Chromium	ppm	 <1	 	
Molybdenum	ppm	61	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	 <1	 	
Vanadium	ppm	0	 	

ADDITIVES							
Calcium	ppm	1150					
Magnesium	ppm	1041					
Zinc	ppm	1379					
Phosphorus	ppm	1100					
Barium	ppm	0					
Boron	ppm						



ALTA EQUIPMENT COMPANY

5210 REESE ROAD DAVIE, FL US 33314 Contact: N. FACEY nfacey@altaequipfl.com T: (954)581-4744 F: (954)583-0318

Diagnosis

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.

Depot: VOLVO0095 Unique No: 10632447 Signed: Sean Felton Report Date: 06 Sep 2023

Report Id: VOLVO0095 [WUSCAR] 05941835 (Generated: 09/06/2023 15:23:44) Rev: 1

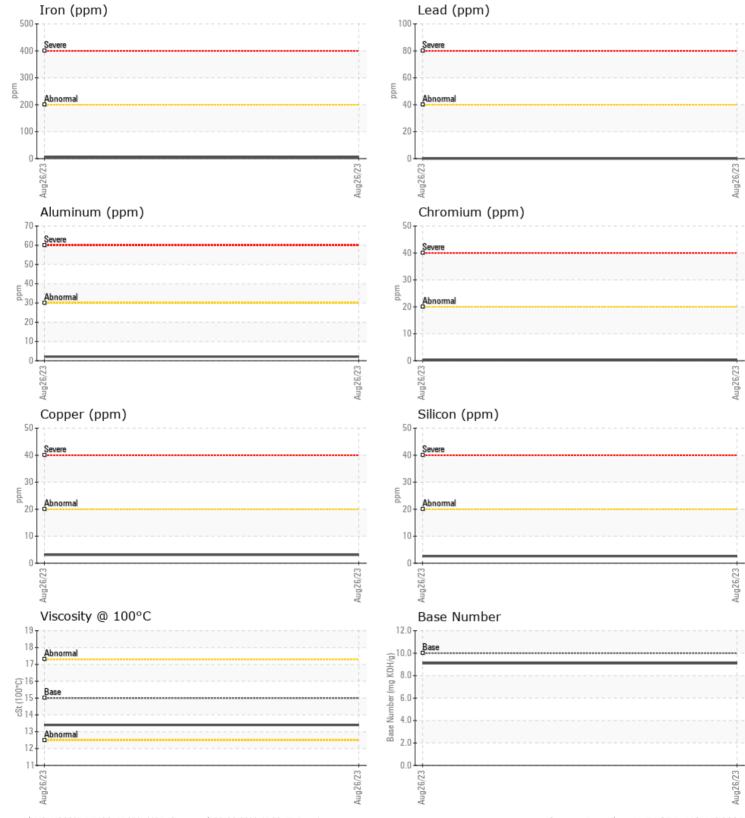
Contact/Location: N. FACEY - VOLVO0095

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: N. FACEY - VOLVO0095