

CONSTRUCTION EQUIPMENT 594281 VOLVO L 120H 633415 - DIESEL ENGINE



Sample No: VCP415308

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

Job No: 594281

SAMPLE	INFORMATION			
Sample Number	<u> </u>	VCP415308	 	
Sample Date		23 Aug 2023	 	
Machine Hours		502	 	
Oil Hours		502	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
Sample Status		NORWAL		
VOLVO				
OIL CONE	DITION			
Visc @ 100°C	cSt	12.4	 	
Base Number (BN) mg KOH/g	10.2	 	
Oxidation (PA)	%	72	 	
CONTAN	INATION			
CONTAM				
Soot %	%	■ 0.4	 	
Nitration (PA)	%	57	 	
Sulfation (PA)	%	60	 	
Glycol	%	NEG	 	
Fuel	%	■ 0.3	 	
Silicon	ppm	■ 12	 	
Sodium	ppm	5	 	
Potassium	ppm	■ 3	 	
WEAR M	ETALS			
Iron	ppm	■32	 	
Copper	ppm	12	 	
Lead	ppm	1	 	
Tin	ppm	■3	 	
Aluminum	ppm	■58	 	
Chromium	ppm	4	 	
Molybdenum	ppm	■36	 	
Nickel	ppm	■0	 	
Titanium	ppm	<1	 	
Silver	ppm		 	
Manganese	ppm	■3	 	
Vanadium	ppm	0	 	
	PPIII			
ADDITIV	23			
Calcium	ppm	1604	 	
Magnesium	ppm	660	 	
Zinc	ppm	1201	 	
Phosphorus	ррт	999	 	
Barium	ppm	1 4	 	
Darium	ppiii		 	



BLAZE CONSTRUCTION

5640 ST JEAN ST DETROIT, MI US 48213 Contact: DAVE WARD dward@blazecontracting.net T: (248)632-2317 F:

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor.Metal levels are typical for a components first oil change. Fuel content negligible. 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 suitable for further service.

Depot:BLADETUnique No:10632437Signed:Wes DavisReport Date:06 Sep 2023

Contact/Location: DAVE WARD - BLADET

ppm

Boron

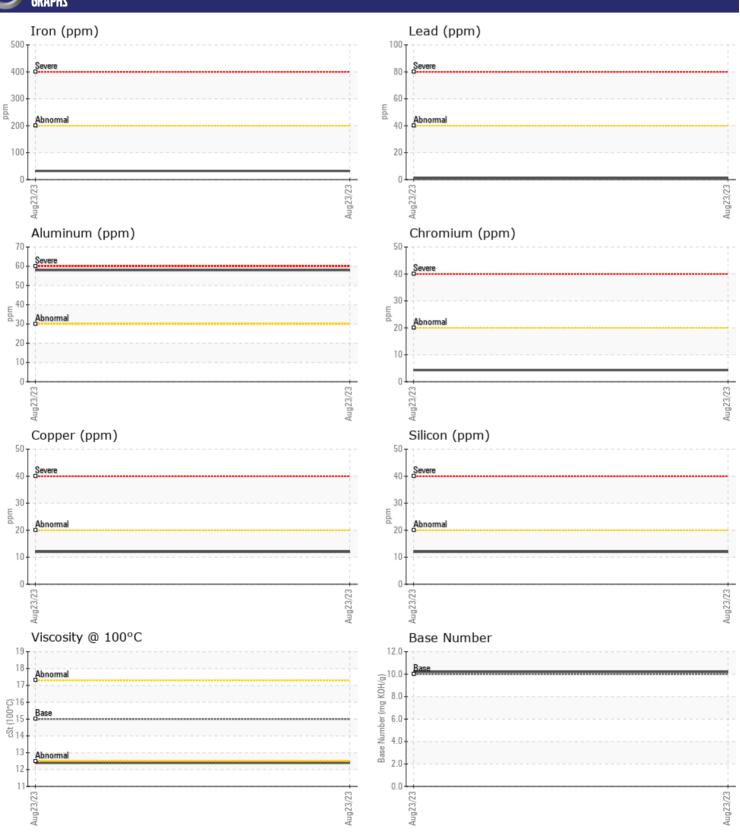


CONSTRUCTION EQUIPMENT





GRAPHS



Report Id: BLADET [WUSCAR] 05941825 (Generated: 09/20/2023 10:30:05) Rev: 1

Contact/Location: DAVE WARD - BLADET