CONSTRUCTION EQUIPMENT 11623 VOLVO A35G 352266 - DIESEL ENGINE



Sample No: VCP429684

VOLVO

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

Job No:

11623

SAMPLE	INFORMATION			
Sample Number		VCP429684	 	
Sample Date		06 Dec 2023	 	
Machine Hours		236	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		ABNORMAL	 	
OIL COND	DITION		 	
Visc @ 100°C	cSt	10.8	 	
Base Number (BN) mg KOH/g	6.9	 	
Oxidation (PA)	%	53	 	
CONTAM	INATION			
Water	%	NEG	 	
Soot %	%	0.1	 	
Nitration (PA)	%	68	 	
Sulfation (PA)	%	49	 	
Glycol	%	NEG	 	
Fuel	%	0.4	 	
Silicon	ppm	25	 	
Sodium	ppm	2	 	
Potassium	ppm	3	 	

AMES J ANDERSON

6958 TORRESDALE AVENUE PHILADELPHIA, PA US 19135 Contact: JOHN HERBUT herb@jjaconstruction.com T: (215)850-9051 F: (215)427-0208

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. Fuel content negligible. The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

WEAR I	METALS			
Iron	ppm	12	 	
Copper	ppm	62	 	
Lead	ppm	2	 	
Tin	ppm	2	 	
Aluminum	ppm	2	 	
Chromium	ppm		 	
Molybdenum	ppm	81	 	
Nickel	ppm		 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	2	 	
Vanadium	ppm	<1	 	

ADDITIVES						
Calcium	ppm	2149				
Magnesium	ppm	0				
Zinc	ppm	1227				
Phosphorus	ppm	1030				
Barium	ppm	0				
Boron	ppm	58				

Depot:JAAPHIUnique No:10789531Signed:Angela BorellaReport Date:19 Dec 2023

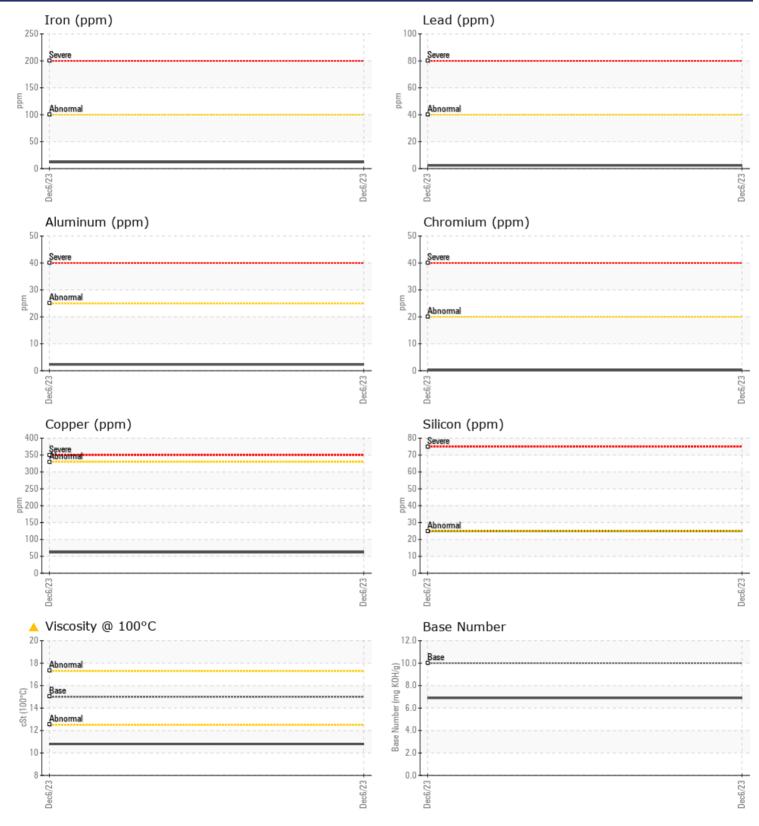
Contact/Location: JOHN HERBUT - JAAPHI

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: JOHN HERBUT - JAAPHI