CONSTRUCTION EQUIPMENT SPM633319 SENNEBOGEN 830E 830.0.3557 - DIESEL ENGINE

Sample No:VCP431118Oil Type:DIESEL ENGINE OIL SAE 15W40Job No:SPM633319

SAMPLE INFORMATION

Potassium

ppm

5

VOLVO

Sample Number	-	VCP431118	 	
Sample Date		08 Nov 2023	 	
Machine Hours		509	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		ATTENTION	 	
OIL CONDI	TION			
Visc @ 100°C	cSt	10.8	 	
Base Number (BN)	mg KOH/g	6.5	 	
Oxidation (PA)	%	60	 	
VOLVO				
Contamin	ATION			
Water	%	NEG	 	
Soot %	%	0.2	 	
Nitration (PA)	%	80	 	
Sulfation (PA)	%	52	 	
Glycol	%	NEG	 	
Fuel	%	1.3	 	
Silicon	ppm	29	 	
Sodium	ppm	2	 	



BELSON STEEL

1685 N STATE RTE 50 BOURBONNAIS, IL US 60914 Contact: M. POZAN mpozan@belsonsteel.com T: (815)932-7416 E:

Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.Metal levels are typical for a new component breaking in. Fuel content negligible. 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.

VOLVO				
WFAR I	METALS			
	-	19	 -	- · ·
Iron	ppm		 	
Copper	ppm	56	 	
Lead	ppm	 <1	 	
Tin	ppm	 <1	 	
Aluminum	ppm	3	 	
Chromium	ppm		 	
Molybdenum	ppm	91	 	
Nickel	ppm		 	
Titanium	ppm	 <1	 	
Silver	ppm	0	 	
Manganese	ppm	3	 	
Vanadium	ppm	0	 	

ADDITIVES						
Calcium	ppm	2202				
Magnesium	ppm	69				
Zinc	ppm	1181				
Phosphorus	ppm	969				
Barium	ppm	0				
Boron	ppm	67				

 Depot:
 BELBOU

 Unique No:
 10751289

 Signed:
 Jonathan Hester

 Report Date:
 24 Nov 2023

Report Id: BELBOU [WUSCAR] 06012145 (Generated: 11/24/2023 11:50:37) Rev: 2

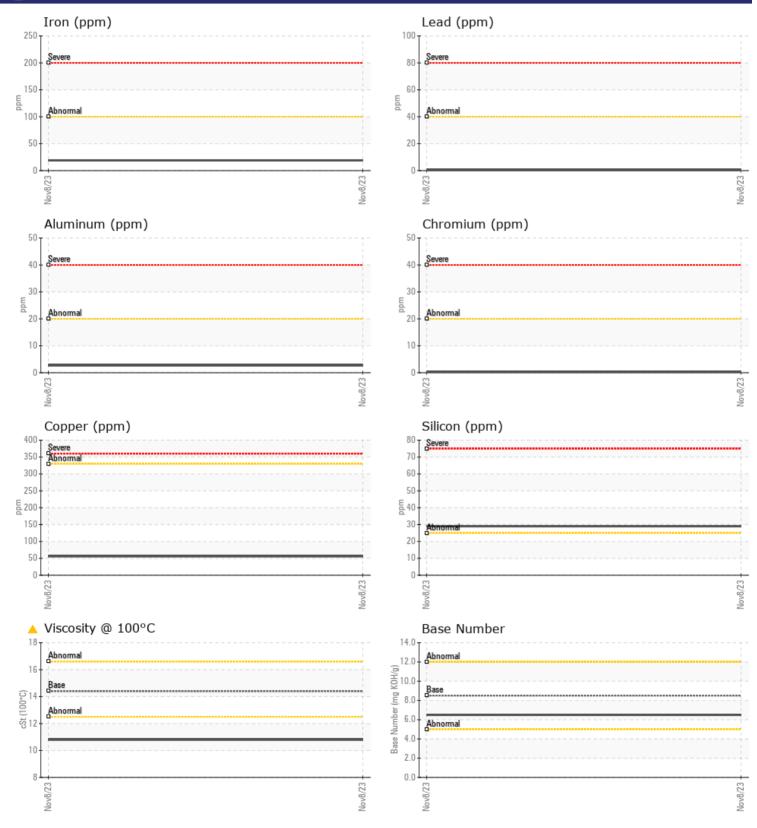
Contact/Location: M. POZAN - BELBOU

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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