CONSTRUCTION EQUIPMENT SENNEBOGEN 850E 850.0.3183 - DIESEL ENGINE 646696

Sample No: VCP452274 **Oil Type:**

VOLVO

VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3 646696

Job No:

SAMPLE INFORMATION

Sample Number	-	VCP452274	 	
Sample Date		14 Dec 2023	 	
Machine Hours		641	 	
Oil Hours		641	 	
Oil Changed		Changed	 	
Sample Status		ATTENTION	 	
OIL CONDI				
	IIUN			
Visc @ 100°C	cSt	11.8	 	
Base Number (BN)	mg KOH/g	6.5	 	
Oxidation (PA)	%	65	 	
VOLVO				
CONTAMIN	IATIUN			
Water	%	NEG	 	
Soot %	%	0.1	 	
Nitration (PA)	%	77	 	
Sulfation (PA)	%	55	 	
Glycol	%	NEG	 	
Fuel	%	1.5	 	
Silicon	ppm	5	 	
Sodium	ppm	3	 	



FERROUS PROCESSING AND TRADING

3400 E LAFAYETTE DETROIT, MI US 48207 Contact: KEITH HALL keith.hall@fpt1.com T:

Diagnosis

F:

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. 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.

ppm

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Potassium

VEAR I	METALS			
Iron	ppm	14	 	
Copper	ppm	4	 	
Lead	ppm	0	 	
Tin	ppm		 	
Aluminum	ppm	8	 	
Chromium	ppm		 	
Molybdenum	ppm	81	 	
Nickel	ppm	■ <1	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	2	 	
Vanadium	ppm	<1	 	

ADDITIVES 2083 Calcium ppm Magnesium 127 ppm Zinc ppm 1281 1061 Phosphorus ppm Barium 7 ppm 94 Boron ppm

Depot: FERDET Unique No: 10794190 Signed: Sean Felton Report Date: 22 Dec 2023

Report Id: FERDET [WUSCAR] 06038961 (Generated: 12/22/2023 09:55:39) Rev: 1

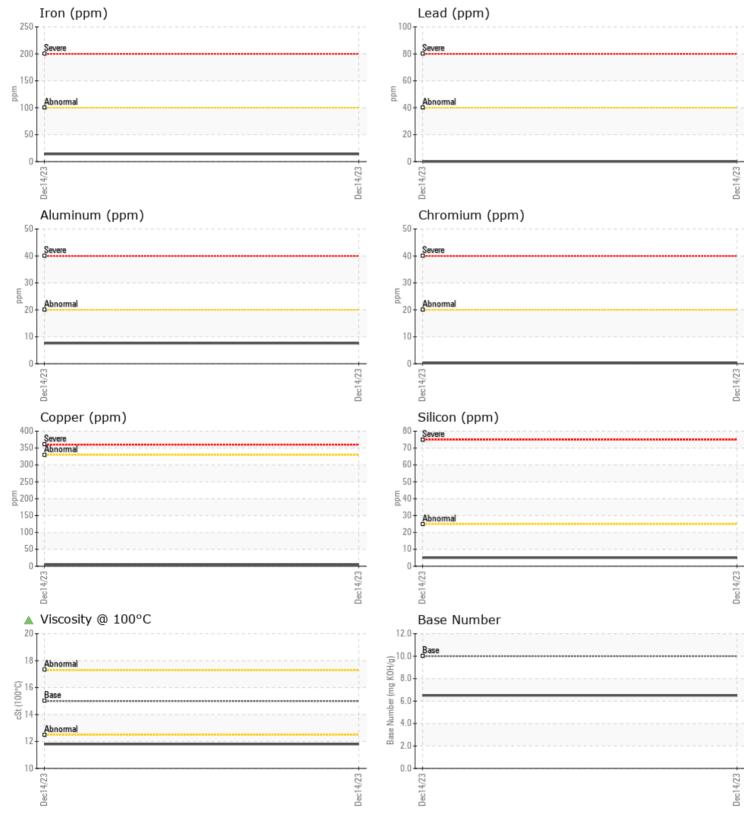
Contact/Location: KEITH HALL - FERDET

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: KEITH HALL - FERDET