CONSTRUCTION EQUIPMENT DON JON RECYCLING SENNEBOGEN 830M 830.0.1350 - DIESELENG

Sample No:VCP424496Oil Type:{unknown}Job No:DON JON RECYCLING

VOLVO

SAMPLE	INFORMATION			
Sample Number	-	VCP424496	VCP424498	 
Sample Date		01 Jun 2023	13 May 2023	 
Machine Hours		15051	15050	 
Oil Hours		0	110	 
Oil Changed		N/A	Not Changd	 
Sample Status		ABNORMAL	ATTENTION	 
OIL CONE	DITION			
Visc @ 100°C	cSt	<mark>4</mark> 9.8	0.26	 
Base Number (BN	) mg KOH/g	6.9	7.6	 
Oxidation (PA)	%	49	59	 
CONTAM	INATION			
Water	%	NEG	NEG	 
Soot %	%	0.3	0.3	 
Nitration (PA)	%	40	42	 
Sulfation (PA)	%	50	53	 
Glycol	%	NEG	NEG	 
Fuel	%	0.2	0.1	 
Silicon	ppm	8	5	 
Sodium	ppm	2	6	 

ppm

2

Potassium

WEAR N	METALS			
Iron	ppm	25	15	 
Copper	ppm	<b>4</b>	2	 
Lead	ppm	<b>□</b> <1	0	 
Tin	ppm		1	 
Aluminum	ppm	□ <1	2	 
Chromium	ppm	<b>1</b>	2	 
Molybdenum	ppm	28	29	 
Nickel	ppm	0	<b></b> <1	 
Titanium	ppm	<1	0	 
Silver	ppm	0	0	 
Manganese	ppm	<1	< 1	 
Vanadium	ppm	0	0	 

2

ADDITIVES							
Calcium	ppm	<b>1090</b>	1199				
Magnesium	ppm	276	345				
Zinc	ppm	- 772	878				
Phosphorus	ppm	644	766				
Barium	ppm	0	0				
Boron	ppm	<b>41</b>	42				



**GREEN MACHINE SERVICES LLC** 

13 SPYROS DRIVE SOUTH AMBOY, NJ US 08879 Contact: JOE GRZANKOWSKI JOE@GREENMSRV.COM T: (732)673-5920 F:

## Diagnosis

We advise that you check for the source of oil entry. We recommend that you drain the oil and perform a filter service on this component if not already done. We recommend an early resample to monitor this condition.All component wear rates are normal. Fuel content negligible. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. This plus the additive levels indicates the addition of a different brand, or type of oil.

 Depot:
 GRESOUNJ

 Unique No:
 10498434

 Signed:
 Doug Bogart

 Report Date:
 07 Jun 2023

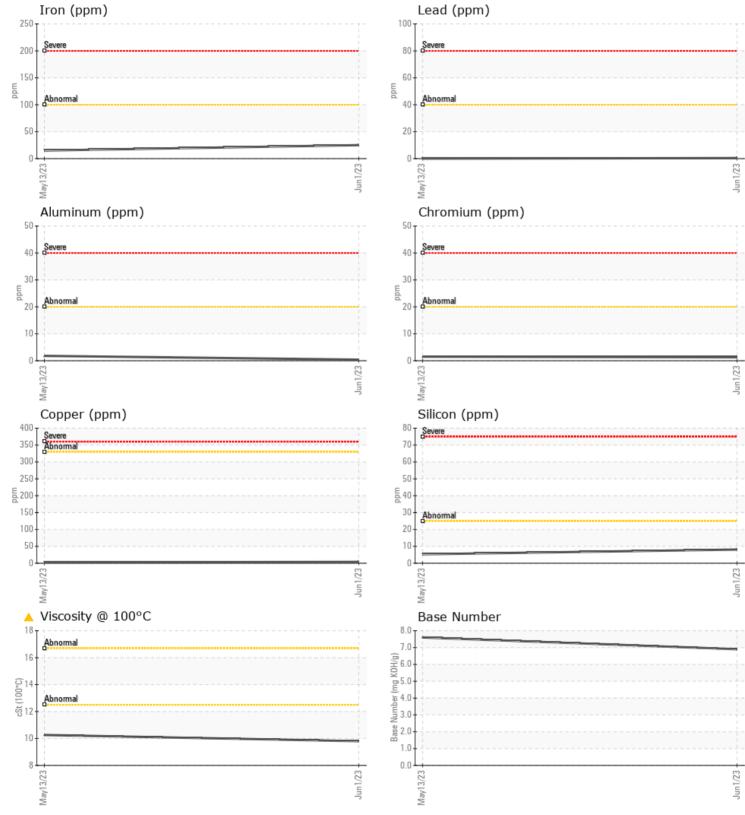
Contact/Location: JOE GRZANKOWSKI - GRESOUNJ

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: GRESOUNJ [WUSCAR] 05863969 (Generated: 03/19/2024 11:45:29) Rev: 1

Contact/Location: JOE GRZANKOWSKI - GRESOUNJ