CONSTRUCTION EQUIPMENT SPM594991 SCORIA IRO SENNEBOGEN 860 860.0.1028-LEFT SM

Sample No:	VCP415440
Oil Type:	GEAR OIL SAE 80W90
Job No:	SPM594991 SCORIA IRO

## SAMPLE INFORMATION

VOLVO

Sample Number	-	VCP415440	VCP423384	VCP398494	
Sample Date		25 Aug 2023	01 Jun 2023	08 Feb 2023	
Machine Hours		21409	12246	20295	
Oil Hours		0	0	0	
Oil Changed		Not Changd	Changed	Not Changd	
Sample Status		SEVERE	SEVERE	SEVERE	
VOLVO					
OIL COND		<u>,</u>	<u> </u>	_	-
Visc @ 40°C	cSt	110	57.1	<mark>▲</mark> 61.4	
CONTAMI	ΝΔΤΙΩΝ				
		<b>0.998</b>		-	
Water	%				
Silicon	ppm	<b>1</b> 9	14	26	
Sodium	ppm	3	2	4	
Potassium	ppm	2	2	0	
VOLVO					
WEAR ME	TALS				
Iron	ppm	2749	1117	1417	
Copper	ppm	1252	725	1094	
Lead	ppm	15	15	28	
Tin	ppm	82	49	62	
Aluminum	ppm	<b>4</b>	3	3	
Chromium	ppm	37	<b>3</b> 0	• 38	
Molybdenum	ppm	<b>1</b>	□ <1	<1	
Nickel	ppm	5	6	4	
Titanium	ppm	<1	0	<1	
Silver	ppm	0	<1	0	
Manganese	ppm	23	8	12	
Vanadium	ppm	<1	<1	0	
vanaulum	ppiii	ST.		0	
VOLVO					
ADDITIVE	2				

Calcium	ppm	132	79	46		
Magnesium	ppm	<b>40</b>	14	2		
Zinc	ppm	266	379	320		
Phosphorus	ppm	543	337	395		
Barium	ppm	<b>1</b>	0	0		
Boron	ppm	21	6	8		



## ALTA EQUIPMENT CO - ORLAND PARK

**5000 INDUSTRIAL HWY** GARY, IN US 46406 Contact: DAVE ENG DAVE.ENG@ALTG.COM T: (312)350-2560 F:

## Diagnosis

We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition.Gear wear is indicated. Bearing and/or bushing wear is indicated. Generally an abnormal to severe rate of wear throughout the component. There is a high concentration of water present in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

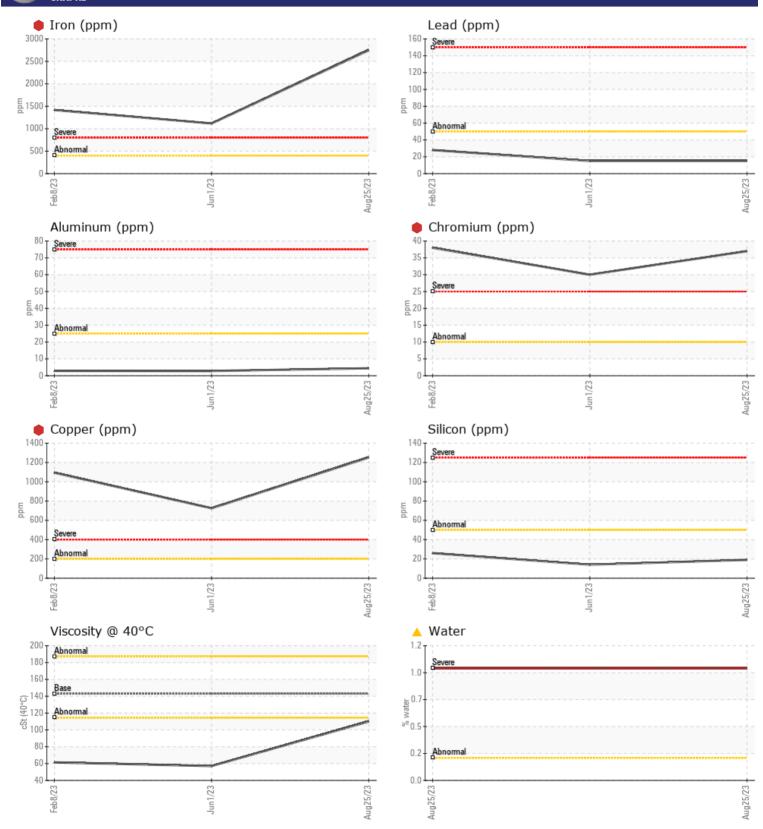
Depot:	VOLVO8885
Unique No:	10633264
Signed:	Don Baldridge
Report Date:	07 Sep 2023

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO8885 [WUSCAR] 05942652 (Generated: 09/07/2023 16:26:05) Rev: 1

Contact/Location: DAVE ENG - VOLVO8885