



# CONSTRUCTION EQUIPMENT

X58609 OSW VOLVO EC220EL 310657 - DIESEL ENGINE



**Sample No:** VCP426130  
**Oil Type:** NOT GIVEN  
**Job No:** X58609 OSW



**SCOTT EQUIPMENT COMPANY LLC - Saint Rose**  
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## SAMPLE INFORMATION

Sample Number	VCP426130	---	---	---
Sample Date	21 Sep 2023	---	---	---
Machine Hours	609	---	---	---
Oil Hours	609	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



## OIL CONDITION

Visc @ 100°C	cSt	█ 13.3	---	---	---
Base Number (BN)	mg KOH/g	█ 8.6	---	---	---
Oxidation (PA)	%	57	---	---	---



## CONTAMINATION

Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	60	---	---	---
Sulfation (PA)	%	48	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 12	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 3	---	---	---



## WEAR METALS

Iron	ppm	█ 49	---	---	---
Copper	ppm	█ 4	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 1	---	---	---
Aluminum	ppm	█ 6	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ 64	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	1	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	█ 1228	---	---	---
Magnesium	ppm	█ 977	---	---	---
Zinc	ppm	█ 1380	---	---	---
Phosphorus	ppm	█ 1153	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 4	---	---	---

## Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

**Depot:** SCOSAI  
**Unique No:** 10662259  
**Signed:** Don Baldrige  
**Report Date:** 27 Sep 2023



# CONSTRUCTION EQUIPMENT



## GRAPHS

