



# CONSTRUCTION EQUIPMENT

SW1030715-2 VOLVO EC480E 315096 - LEFT SWING DRIVE



**Sample No:** VCP446705  
**Oil Type:** {unknown}  
**Job No:** SW1030715-2



**ARNOLD MACHINERY COMPANY**  
2975 WEST 2100 SOUTH  
SALT LAKE CITY, UT  
US 84119  
Contact: JUSTIN BENCH  
JUSTIN.BENCH@ARNOLDMACHINERY.COM  
T: (801)698-5639  
F: (801)975-9434



## SAMPLE INFORMATION

Sample Number	VCP446705	---	---	---
Sample Date	14 Mar 2024	---	---	---
Machine Hours	904	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



## OIL CONDITION

Visc @ 40°C	cSt	█ 175	---	---	---
-------------	-----	-------	-----	-----	-----



## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 27	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 0	---	---	---



## WEAR METALS

Iron	ppm	█ 112	---	---	---
Copper	ppm	█ 73	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	5	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	9	---	---	---
Magnesium	ppm	<1	---	---	---
Zinc	ppm	75	---	---	---
Phosphorus	ppm	343	---	---	---
Barium	ppm	6	---	---	---
Boron	ppm	1	---	---	---

## Diagnosis

The oil 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. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

**Depot:** VOLVO8770  
**Unique No:** 10939398  
**Signed:** Don Baldrige  
**Report Date:** 25 Mar 2024



# CONSTRUCTION EQUIPMENT



## GRAPHS

