



# CONSTRUCTION EQUIPMENT

RS036848 KOBELCO SK500LC-10 Y514605002 - RIGHT SWING DRIVE



**Sample No:** VCP430560  
**Oil Type:** GEAR OIL SAE 85W140  
**Job No:** RS036848



## SAMPLE INFORMATION

Sample Number	VCP430560	---	---	---
Sample Date	26 Jan 2024	---	---	---
Machine Hours	3629	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

### COWIN EQUIPMENT COMPANY

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## OIL CONDITION

Visc @ 40°C	cSt	█ 177	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 2	---	---	---



## WEAR METALS

Iron	ppm	█ 38	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ 2	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	█ 1865	---	---	---
Magnesium	ppm	█ 20	---	---	---
Zinc	ppm	█ 811	---	---	---
Phosphorus	ppm	█ 819	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 31	---	---	---

### Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.

**Depot:** VOLVO8532  
**Unique No:** 10872525  
**Signed:** Don Baldrige  
**Report Date:** 12 Feb 2024



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## GRAPHS

