



CONSTRUCTION EQUIPMENT

RS036848 KOBELCO SK500LC-10 Y514605002 - REAR LEFT FINAL DRIVE



Sample No: VCP430559
Oil Type: GEAR OIL SAE 85W140
Job No: RS036848



SAMPLE INFORMATION

Sample Number	VCP430559	---	---	---
Sample Date	26 Jan 2024	---	---	---
Machine Hours	3629	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

COWIN EQUIPMENT COMPANY

P.O. DRAWER 9367
MONTGOMERY, AL
US 36108

Contact: BRYAN DICKS
bdicks@cowin.com
T: (334)262-6642
F: (334)269-1514



OIL CONDITION

Visc @ 40°C	cSt	█ 148	---	---	---
-------------	-----	-------	-----	-----	-----



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 13	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ <1	---	---	---

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. Confirm oil type. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	█ 84	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 4	---	---	---
Magnesium	ppm	█ 1	---	---	---
Zinc	ppm	█ 3	---	---	---
Phosphorus	ppm	█ 1025	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 188	---	---	---

Depot: VOLVO8532
Unique No: 10872523
Signed: Don Baldrige
Report Date: 12 Feb 2024



CONSTRUCTION EQUIPMENT



GRAPHS

