



CONSTRUCTION EQUIPMENT

X48143 KOBELCO SK350LC-10 605072 - SWING DRIVE



Sample No: VCP450951
Oil Type: GEAR OIL SAE 80W90
Job No: X48143



SAMPLE INFORMATION

Sample Number	VCP450951	VCP371083	---	---
Sample Date	17 May 2024	19 Dec 2022	---	---
Machine Hours	4381	3656	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---

SCOTT EQUIPMENT COMPANY LLC - Lavergne
 1231 BRIDGESTONE PARKWAY
 LAVERGNE, TN
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OIL CONDITION

Visc @ 40°C	cSt	173	172	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	47	5	---	---
Sodium	ppm	2	6	---	---
Potassium	ppm	0	<1	---	---

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 80W90. Please confirm.

All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	199	107	---	---
Copper	ppm	0	<1	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	5	<1	---	---
Chromium	ppm	3	3	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	2	5	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	14	19	---	---
Magnesium	ppm	<1	1	---	---
Zinc	ppm	6	15	---	---
Phosphorus	ppm	1098	347	---	---
Barium	ppm	<1	0	---	---
Boron	ppm	207	1	---	---

Depot: VOLVO0129
Unique No: 11043309
Signed: Wes Davis
Report Date: 22 May 2024



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GRAPHS

