



CONSTRUCTION EQUIPMENT

X48143 KOBELCO SK350LC-10 605072 - FRONT RIGHT FINAL DRIVE



Sample No: VCP450950
Oil Type: GEAR OIL SAE 90W140
Job No: X48143



SAMPLE INFORMATION

Sample Number	VCP450950	VCP371079	---	---
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	---	---

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 1231 BRIDGESTONE PARKWAY
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OIL CONDITION

Visc @ 40°C	cSt	█ 222	█ 326	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 50	█ 2	---	---
Sodium	ppm	█ 0	█ 0	---	---
Potassium	ppm	█ 2	█ 9	---	---

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 condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	█ 127	█ 232	---	---
Copper	ppm	█ 0	█ 1	---	---
Lead	ppm	█ 0	█ 0	---	---
Tin	ppm	█ 0	█ 0	---	---
Aluminum	ppm	█ 7	█ <1	---	---
Chromium	ppm	█ <1	█ 2	---	---
Molybdenum	ppm	█ 0	█ 0	---	---
Nickel	ppm	█ 0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	█ 1	█ 4	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	█ 20	█ 6	---	---
Magnesium	ppm	█ <1	█ 0	---	---
Zinc	ppm	█ 0	█ 11	---	---
Phosphorus	ppm	609	█ 899	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 41	█ 131	---	---

Depot: VOLVO0129
Unique No: 11043292
Signed: Don Baldrige
Report Date: 23 May 2024



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GRAPHS

