



CONSTRUCTION EQUIPMENT

CANNINGTON 8-394537 VOLVO EC220E 314324 - SWING DRIVE



Sample No: VCP449309

Oil Type: {unknown}

Job No: 8-394537



SAMPLE INFORMATION

Sample Number	VCP449309	VCP298389	---	---
Sample Date	23 Feb 2024	12 Nov 2021	---	---
Machine Hours	2080	482	---	---
Oil Hours	2000	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	53.7	181	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	4	8	---	---
Sodium	ppm	1	2	---	---
Potassium	ppm	2	1	---	---



WEAR METALS

Iron	ppm	127	400	---	---
Copper	ppm	6	13	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	1	6	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	1	6	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	19	4	---	---
Magnesium	ppm	1	<1	---	---
Zinc	ppm	15	16	---	---
Phosphorus	ppm	2313	324	---	---
Barium	ppm	<1	3	---	---
Boron	ppm	221	<1	---	---



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Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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.

Depot: SHEMIS
Unique No: 5746699
Signed: Kevin Marson
Report Date: 13 Mar 2024



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GRAPHS

