



CONSTRUCTION EQUIPMENT

11097 VOLVO ECR235D 210351 - SWING DRIVE



Sample No: VCP440531
Oil Type: NOT GIVEN
Job No: 11097



SAMPLE INFORMATION

Sample Number	VCP440531	VCP399879	VCP358751	VCP348521
Sample Date	13 Sep 2023	13 Jan 2023	31 May 2022	21 Jan 2022
Machine Hours	8650	7920	7494	7230
Oil Hours	0	0	0	500
Oil Changed	N/A	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	286	309	315	309
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CONTAMINATION

Silicon	ppm	6	4	3	4
Sodium	ppm	1	2	<1	<1
Potassium	ppm	<1	0	0	0



WEAR METALS

Iron	ppm	100	83	20	50
Copper	ppm	4	3	2	22
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	<1	0
Aluminum	ppm	1	0	<1	0
Chromium	ppm	1	<1	<1	<1
Molybdenum	ppm	2	1	1	1
Nickel	ppm	0	0	0	<1
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	<1	<1
Manganese	ppm	2	1	<1	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	102	46	42	107
Magnesium	ppm	8	9	7	7
Zinc	ppm	21	1	23	41
Phosphorus	ppm	763	866	830	885
Barium	ppm	0	0	0	0
Boron	ppm	126	137	162	145

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: JAAPHI
Unique No: 10655628
Signed: Wes Davis
Report Date: 20 Sep 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

