



CONSTRUCTION EQUIPMENT

SWO-063484 VOLVO EC250E 310275 - SWING DRIVE



Sample No: VCP408951
Oil Type: GEAR OIL SAE 90W140
Job No: SWO-063484



SAMPLE INFORMATION

Sample Number	VCP408951	VCP397099	VCP380030	VCP348543
Sample Date	23 Jun 2023	17 Feb 2023	18 Oct 2022	11 Jul 2022
Machine Hours	7550	7053	6547	6206
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

4400 LEWISBURG RD
 BIRMINGHAM, AL
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OIL CONDITION

Visc @ 40°C	cSt	314	316	259	260
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CONTAMINATION

Silicon	ppm	8	3	16	16
Sodium	ppm	<1	0	0	0
Potassium	ppm	<1	0	0	2



WEAR METALS

Iron	ppm	125	60	182	128
Copper	ppm	2	2	8	5
Lead	ppm	0	0	<1	<1
Tin	ppm	0	0	<1	0
Aluminum	ppm	<1	<1	4	4
Chromium	ppm	<1	0	1	<1
Molybdenum	ppm	2	1	2	2
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	1	<1	2	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	221	207	1133	983
Magnesium	ppm	27	30	25	20
Zinc	ppm	114	129	475	411
Phosphorus	ppm	993	904	881	774
Barium	ppm	0	0	0	0
Boron	ppm	156	165	79	69

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.

Depot: SAIBIR
Unique No: 10536411
Signed: Don Baldrige
Report Date: 02 Jul 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

