



CONSTRUCTION EQUIPMENT

SPM567191 WASTE MGMT VOLVO EC250EL 310691 - SWING DRIVE



Sample No: VCP422605
Oil Type: GEAR OIL SAE 80W90
Job No: SPM567191 WASTE MGMT



SAMPLE INFORMATION

Sample Number	VCP422605	VCP423217	VCP421923	VCP418560
Sample Date	16 Jun 2023	01 Jun 2023	18 May 2023	05 May 2023
Machine Hours	15556	12246	12093	11968
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

ALTA EQUIPMENT CO - ORLAND PARK
 5000 INDUSTRIAL HWY
 GARY, IN
 US 46406
 Contact: DAVE ENG
 DAVE.ENG@ALTG.COM
 T: (312)350-2560
 F:



OIL CONDITION

Visc @ 40°C	cSt	197	196	196	197
-------------	-----	------------	-----	-----	-----



CONTAMINATION

Silicon	ppm	16	17	15	15
Sodium	ppm	2	2	2	<1
Potassium	ppm	0	0	<1	<1

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	61	53	51	53
Copper	ppm	3	2	2	3
Lead	ppm	0	0	0	0
Tin	ppm	<1	<1	<1	0
Aluminum	ppm	1	<1	<1	<1
Chromium	ppm	1	1	1	1
Molybdenum	ppm	6	6	6	6
Nickel	ppm	0	0	0	<1
Titanium	ppm	<1	<1	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	<1	1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	2661	2747	2647	2549
Magnesium	ppm	24	18	20	17
Zinc	ppm	1177	1204	1179	1124
Phosphorus	ppm	968	994	964	930
Barium	ppm	0	0	0	0
Boron	ppm	6	6	6	6

Depot: VOLVO8885
Unique No: 10548892
Signed: Don Baldrige
Report Date: 11 Jul 2023

VOLVO **GRAPHS**

