



CONSTRUCTION EQUIPMENT

SPM620857 WASTE MGMT VOLVO EC250EL 310691 - SWING DRIVE



Sample No: VCP398369
Oil Type: GEAR OIL SAE 80W90
Job No: SPM620857 WASTE MGMT



SAMPLE INFORMATION

Sample Number	VCP398369	VCP415433	VCP422605	VCP423217
Sample Date	18 Oct 2023	18 Aug 2023	16 Jun 2023	01 Jun 2023
Machine Hours	13126	14626	15556	12246
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

ALTA EQUIPMENT CO - ORLAND PARK
5000 INDUSTRIAL HWY
GARY, IN
US 46406
Contact: DAVE ENG
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F:



OIL CONDITION

Visc @ 40°C	cSt	195	196	197	196
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CONTAMINATION

Silicon	ppm	15	18	16	17
Sodium	ppm	1	0	2	2
Potassium	ppm	0	<1	0	0

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	66	61	61	53
Copper	ppm	2	3	3	2
Lead	ppm	0	<1	0	0
Tin	ppm	0	0	<1	<1
Aluminum	ppm	0	2	1	<1
Chromium	ppm	0	1	1	1
Molybdenum	ppm	4	6	6	6
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	<1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	2486	2658	2661	2747
Magnesium	ppm	19	18	24	18
Zinc	ppm	1128	1144	1177	1204
Phosphorus	ppm	937	970	968	994
Barium	ppm	0	2	0	0
Boron	ppm	4	8	6	6

Depot: VOLVO8885
Unique No: 10738446
Signed: Sean Felton
Report Date: 14 Nov 2023



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GRAPHS

