



CONSTRUCTION EQUIPMENT

SPM567191 WASTE MGMT VOLVO EC250EL 310691 - RIGHT FINAL DRIVE



Sample No: VCP422601
Oil Type: GEAR OIL SAE 80W90
Job No: SPM567191 WASTE MGMT



SAMPLE INFORMATION

Sample Number	VCP422601	VCP423221	VCP421926	VCP404294
Sample Date	16 Jun 2023	01 Jun 2023	18 May 2023	13 Apr 2023
Machine Hours	15556	12246	12093	2170
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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T: (312)350-2560
F:



OIL CONDITION

Visc @ 40°C	cSt	206	210	204	196
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CONTAMINATION

Silicon	ppm	25	25	25	23
Sodium	ppm	1	<1	<1	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. Confirm oil type. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	137	87	54	52
Copper	ppm	0	<1	0	<1
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	2	2	2	2
Nickel	ppm	0	0	0	0
Titanium	ppm	<1	<1	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	2861	3101	3010	2986
Magnesium	ppm	53	51	53	55
Zinc	ppm	1069	1161	1130	1102
Phosphorus	ppm	848	902	890	886
Barium	ppm	0	0	0	0
Boron	ppm	4	5	6	6

Depot: VOLVO8885
Unique No: 10548925
Signed: Don Baldrige
Report Date: 11 Jul 2023



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GRAPHS

