



CONSTRUCTION EQUIPMENT

SPM620857 WASTE MGMT VOLVO EC250EL 310691 - RIGHT FINAL DRIVE



Sample No: VCP398365
Oil Type: GEAR OIL SAE 80W90
Job No: SPM620857 WASTE MGMT



SAMPLE INFORMATION

Sample Number	VCP398365	VCP415432	VCP422601	VCP423221
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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 T: (312)350-2560
 F:



OIL CONDITION

Visc @ 40°C	cSt	202	204	206	210
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CONTAMINATION

Silicon	ppm	23	28	25	25
Sodium	ppm	<1	0	1	<1
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	200	189	137	87
Copper	ppm	0	3	0	<1
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	<1	3	2	2
Nickel	ppm	0	0	0	0
Titanium	ppm	0	<1	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	<1	1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	2867	2983	2861	3101
Magnesium	ppm	42	43	53	51
Zinc	ppm	1091	1099	1069	1161
Phosphorus	ppm	881	893	848	902
Barium	ppm	0	2	0	0
Boron	ppm	6	4	4	5

Depot: VOLVO8885
Unique No: 10738431
Signed: Sean Felton
Report Date: 14 Nov 2023



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GRAPHS

