



CONSTRUCTION EQUIPMENT

SPM658596 WASTE MGMT VOLVO EC250EL 310691 - RIGHT FINAL DRIVE



Sample No: VCP382912
Oil Type: GEAR OIL SAE 80W90
Job No: SPM658596 WASTE MGMT



SAMPLE INFORMATION

Sample Number	VCP382912	VCP398365	VCP415432	VCP422601
Sample Date	03 Jan 2024	18 Oct 2023	18 Aug 2023	16 Jun 2023
Machine Hours	19794	13126	14626	15556
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
 DAVE.ENG@ALTG.COM
 T: (312)350-2560
 F:



OIL CONDITION

Visc @ 40°C	cSt	198	202	204	206
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	24	23	28	25
Sodium	ppm	0	<1	0	1
Potassium	ppm	2	0	1	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	34	200	189	137
Copper	ppm	<1	0	3	0
Lead	ppm	2	0	1	0
Tin	ppm	<1	0	0	<1
Aluminum	ppm	1	0	2	1
Chromium	ppm	1	0	1	<1
Molybdenum	ppm	3	<1	3	2
Nickel	ppm	<1	0	0	0
Titanium	ppm	1	0	<1	<1
Silver	ppm	<1	0	0	0
Manganese	ppm	<1	<1	1	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	2863	2867	2983	2861
Magnesium	ppm	38	42	43	53
Zinc	ppm	1089	1091	1099	1069
Phosphorus	ppm	930	881	893	848
Barium	ppm	0	0	2	0
Boron	ppm	4	6	4	4

Depot: VOLVO8885
Unique No: 10883418
Signed: Don Baldrige
Report Date: 17 Feb 2024



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GRAPHS

