



CONSTRUCTION EQUIPMENT

SPM658596 WASTE MGMT VOLVO EC250EL 310691 - LEFT FINAL DRIVE



Sample No: VCP420643
Oil Type: GEAR OIL SAE 80W90
Job No: SPM658596 WASTE MGMT



SAMPLE INFORMATION

Sample Number	VCP420643	VCP398394	VCP415423	VCP422600
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
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 T: (312)350-2560
 F:



OIL CONDITION

Visc @ 40°C	cSt	215	199	201	205
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	26	24	27	26
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	43	27	31	26
Copper	ppm	3	0	<1	0
Lead	ppm	2	0	1	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	1	0	1	1
Chromium	ppm	1	0	<1	<1
Molybdenum	ppm	3	<1	2	2
Nickel	ppm	<1	0	0	0
Titanium	ppm	1	0	<1	<1
Silver	ppm	<1	0	0	0
Manganese	ppm	1	0	<1	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	2771	2973	3022	2929
Magnesium	ppm	38	47	46	56
Zinc	ppm	1089	1109	1104	1089
Phosphorus	ppm	866	895	896	869
Barium	ppm	0	0	2	0
Boron	ppm	4	1	5	2

Depot: VOLVO8885
Unique No: 10883424
Signed: Don Baldrige
Report Date: 17 Feb 2024



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VOLVO GRAPHS

