



CONSTRUCTION EQUIPMENT

SPM700147 WASTE MGMT VOLVO EC250EL 310691 - LEFT FINAL DRIVE



Sample No: VCP425228
Oil Type: GEAR OIL SAE 80W90
Job No: SPM700147 WASTE MGMT



SAMPLE INFORMATION

Sample Number	VCP425228	VCP435693	VCP420643	VCP398394
Sample Date	19 Apr 2024	07 Mar 2024	03 Jan 2024	18 Oct 2023
Machine Hours	26572	13704	19794	13126
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Changed	Not Changd	Not Changd
Sample Status	ABNORMAL	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	151	198	215	199
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	23	26	24
Sodium	ppm	<1	0	0	<1
Potassium	ppm	1	2	2	0

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	13	40	43	27
Copper	ppm	<1	0	3	0
Lead	ppm	0	1	2	0
Tin	ppm	<1	0	<1	0
Aluminum	ppm	2	2	1	0
Chromium	ppm	<1	<1	1	0
Molybdenum	ppm	<1	2	3	<1
Nickel	ppm	0	0	<1	0
Titanium	ppm	<1	<1	1	0
Silver	ppm	0	0	<1	0
Manganese	ppm	0	0	1	0
Vanadium	ppm	<1	0	<1	0



ADDITIVES

Calcium	ppm	211	2835	2771	2973
Magnesium	ppm	8	37	38	47
Zinc	ppm	79	1039	1089	1109
Phosphorus	ppm	475	922	866	895
Barium	ppm	<1	0	0	0
Boron	ppm	6	3	4	1

Depot: VOLVO8885
Unique No: 11085061
Signed: Don Baldrige
Report Date: 19 Jun 2024



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VOLVO GRAPHS

