



CONSTRUCTION EQUIPMENT

SPM620857 VOLVO EC250EL 310691 - LEFT FINAL DRIVE



Sample No: VCP398394
Oil Type: GEAR OIL SAE 80W90
Job No: SPM620857



SAMPLE INFORMATION

Sample Number	VCP398394	VCP415423	VCP422600	VCP423405
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
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US 46406
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F:



OIL CONDITION

Visc @ 40°C	cSt	199	201	205	206
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CONTAMINATION

Silicon	ppm	24	27	26	26
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	27	31	26	19
Copper	ppm	0	<1	0	0
Lead	ppm	0	1	0	0
Tin	ppm	0	0	0	<1
Aluminum	ppm	0	1	1	<1
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	<1	2	2	2
Nickel	ppm	0	0	0	0
Titanium	ppm	0	<1	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	2973	3022	2929	3104
Magnesium	ppm	47	46	56	51
Zinc	ppm	1109	1104	1089	1152
Phosphorus	ppm	895	896	869	904
Barium	ppm	0	2	0	0
Boron	ppm	1	5	2	4

Depot: VOLVO8885
Unique No: 10738451
Signed: Sean Felton
Report Date: 14 Nov 2023

VOLVO **GRAPHS**

