



CONSTRUCTION EQUIPMENT

2644-1 VOLVO EC250DL 210030 - REAR LEFT FINAL DRIVE



Sample No: VCP408343
Oil Type: VOLVO AXLE
Job No: 2644-1



SAMPLE INFORMATION

Sample Number	VCP408343	VCP380615	VCP318298	VCP306987
Sample Date	21 Sep 2023	09 Nov 2022	09 Dec 2021	10 Feb 2021
Machine Hours	12928	12040	10972	10082
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

MCCLUNG LOGAN

17941 SUSSEX HIGHWAY
 BRIDGEVILLE, DE
 US 19933

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OIL CONDITION

Visc @ 40°C	cSt	48.3	49.5	49.0	61.9
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CONTAMINATION

Silicon	ppm	6	3	4	10
Sodium	ppm	2	3	4	3
Potassium	ppm	<1	0	<1	0



WEAR METALS

Iron	ppm	401	116	157	765
Copper	ppm	<1	<1	<1	1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	2	1
Chromium	ppm	4	3	3	19
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	<1	<1	<1	2
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	<1	0
Manganese	ppm	3	1	2	8
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	23	73	386	49
Magnesium	ppm	1	1	3	3
Zinc	ppm	15	40	271	22
Phosphorus	ppm	2331	2363	2156	2293
Barium	ppm	0	0	0	0
Boron	ppm	161	192	220	184

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.

Depot: VOLVO1023
Unique No: 10662667
Signed: Wes Davis
Report Date: 27 Sep 2023



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VOLVO GRAPHS

