



CONSTRUCTION EQUIPMENT

SPM594509 WM HODGKIN VOLVO EC250EL 310691 - LEFT FINAL DRIVE



Sample No: VCP415423
Oil Type: GEAR OIL SAE 80W90
Job No: SPM594509 WM HODGKIN



SAMPLE INFORMATION

Sample Number	VCP415423	VCP422600	VCP423405	VCP418537
Sample Date	18 Aug 2023	16 Jun 2023	01 Jun 2023	18 May 2023
Machine Hours	14626	15556	12246	12093
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	201	205	206	199
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CONTAMINATION

Silicon	ppm	27	26	26	25
Sodium	ppm	0	1	<1	<1
Potassium	ppm	1	0	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	31	26	19	16
Copper	ppm	<1	0	0	0
Lead	ppm	1	0	0	0
Tin	ppm	0	0	<1	<1
Aluminum	ppm	1	1	<1	<1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	2	2	2	2
Nickel	ppm	0	0	0	0
Titanium	ppm	<1	<1	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3022	2929	3104	3095
Magnesium	ppm	46	56	51	53
Zinc	ppm	1104	1089	1152	1117
Phosphorus	ppm	896	869	904	884
Barium	ppm	2	0	0	0
Boron	ppm	5	2	4	5

Depot: VOLVO8885
Unique No: 10633260
Signed: Don Baldrige
Report Date: 07 Sep 2023



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VOLVO GRAPHS

