



CONSTRUCTION EQUIPMENT

SPM594509 WM HODGKIN VOLVO EC250EL 310691 - RIGHT FINAL DRIVE



Sample No: VCP415432
Oil Type: GEAR OIL SAE 80W90
Job No: SPM594509 WM HODGKIN



SAMPLE INFORMATION

Sample Number	VCP415432	VCP422601	VCP423221	VCP421926
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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F:



OIL CONDITION

Visc @ 40°C	cSt	204	206	210	204
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CONTAMINATION

Silicon	ppm	28	25	25	25
Sodium	ppm	0	1	<1	<1
Potassium	ppm	1	0	0	<1

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	189	137	87	54
Copper	ppm	3	0	<1	0
Lead	ppm	1	0	0	0
Tin	ppm	0	<1	<1	<1
Aluminum	ppm	2	1	<1	<1
Chromium	ppm	1	<1	<1	<1
Molybdenum	ppm	3	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	2983	2861	3101	3010
Magnesium	ppm	43	53	51	53
Zinc	ppm	1099	1069	1161	1130
Phosphorus	ppm	893	848	902	890
Barium	ppm	2	0	0	0
Boron	ppm	4	4	5	6

Depot: VOLVO8885
Unique No: 10633263
Signed: Don Baldrige
Report Date: 07 Sep 2023



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VOLVO GRAPHS

