



CONSTRUCTION EQUIPMENT

SPM594509 WM HODGKIN VOLVO EC250EL 310691 - SWING DRIVE



Sample No: VCP415433
Oil Type: GEAR OIL SAE 80W90
Job No: SPM594509 WM HODGKIN



SAMPLE INFORMATION

Sample Number	VCP415433	VCP422605	VCP423217	VCP421923
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
DAVE.ENG@ALTG.COM
T: (312)350-2560
F:



OIL CONDITION

Visc @ 40°C	cSt	196	197	196	196
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CONTAMINATION

Silicon	ppm	18	16	17	15
Sodium	ppm	0	2	2	2
Potassium	ppm	<1	0	0	<1



WEAR METALS

Iron	ppm	61	61	53	51
Copper	ppm	3	3	2	2
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	6	6	6	6
Nickel	ppm	0	0	0	0
Titanium	ppm	0	<1	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	2658	2661	2747	2647
Magnesium	ppm	18	24	18	20
Zinc	ppm	1144	1177	1204	1179
Phosphorus	ppm	970	968	994	964
Barium	ppm	2	0	0	0
Boron	ppm	8	6	6	6

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: VOLVO8885
Unique No: 10633257
Signed: Don Baldrige
Report Date: 07 Sep 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

