



CONSTRUCTION EQUIPMENT

W02007469-2 VOLVO EC350EL 3 10856 - SWING DRIVE



Sample No: VCP416113
Oil Type: MOBIL MOBILUBE HD 85W140
Job No: W02007469-2



SAMPLE INFORMATION

Sample Number	VCP416113	VCP375166	VCP361922	VCP286029
Sample Date	23 Aug 2023	14 Nov 2022	17 Mar 2022	13 Aug 2020
Machine Hours	3993	3004	1998	418
Oil Hours	1000	1000	1000	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	223	187	282	181
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CONTAMINATION

Silicon	ppm	7	6	6	10
Sodium	ppm	0	<1	0	2
Potassium	ppm	0	0	3	<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	99	88	119	262
Copper	ppm	2	3	3	15
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	3	<1	<1	0
Chromium	ppm	<1	<1	<1	4
Molybdenum	ppm	12	12	2	<1
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	1	<1	<1	4
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	341	410	78	11
Magnesium	ppm	120	124	15	1
Zinc	ppm	264	271	43	5
Phosphorus	ppm	783	896	1013	512
Barium	ppm	0	0	0	3
Boron	ppm	115	146	169	2

Depot: VOLVO0002
Unique No: 10620984
Signed: Wes Davis
Report Date: 28 Aug 2023



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GRAPHS

