



CONSTRUCTION EQUIPMENT

W02007603 VOLVO EC350 314263 - SWING DRIVE



Sample No: VCP416078
Oil Type: MOBIL MOBILUBE HD 85W140
Job No: W02007603



SAMPLE INFORMATION

Sample Number	VCP416078	VCP390638	VCP320920	---
Sample Date	04 Oct 2023	24 Jan 2023	03 Nov 2021	---
Machine Hours	2977	1954	536	---
Oil Hours	1000	1000	536	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	253	266	176	---
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CONTAMINATION

Water	%	---	---	0.155	---
Silicon	ppm	3	2	3	---
Sodium	ppm	0	1	1	---
Potassium	ppm	2	<1	10	---

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	48	21	28	---
Copper	ppm	2	4	2	---
Lead	ppm	0	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	<1	<1	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	8	4	0	---
Nickel	ppm	<1	0	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	<1	0	0	---
Manganese	ppm	<1	<1	<1	---
Vanadium	ppm	0	0	<1	---



ADDITIVES

Calcium	ppm	213	151	2	---
Magnesium	ppm	87	34	<1	---
Zinc	ppm	202	116	12	---
Phosphorus	ppm	569	871	195	---
Barium	ppm	0	0	2	---
Boron	ppm	82	157	10	---

Depot: VOLVO0002
Unique No: 10697302
Signed: Don Baldrige
Report Date: 18 Oct 2023



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GRAPHS

