



CONSTRUCTION EQUIPMENT

3560 FCL VOLVO ECR235E 315257 - SWING DRIVE



Sample No: VCP439140
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 3560 FCL



SAMPLE INFORMATION

Sample Number	VCP439140	VCP421852	---	---
Sample Date	06 Feb 2024	06 Sep 2023	---	---
Machine Hours	2716	2117	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	338	176	---	---
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CONTAMINATION

Water	%	NEG	0.023	---	---
Silicon	ppm	5	18	---	---
Sodium	ppm	0	1	---	---
Potassium	ppm	0	3	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	43	346	---	---
Copper	ppm	2	10	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	<1	0	---	---
Chromium	ppm	<1	3	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	5	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	22	7	---	---
Magnesium	ppm	0	2	---	---
Zinc	ppm	9	23	---	---
Phosphorus	ppm	1032	374	---	---
Barium	ppm	0	0	---	---
Boron	ppm	201	9	---	---

Depot: VOLVO0096
Unique No: 10873852
Signed: Don Baldrige
Report Date: 13 Feb 2024



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VOLVO GRAPHS

