



CONSTRUCTION EQUIPMENT

SWA358219 HERC VOLVO EC350E 310717 - SWING DRIVE



Sample No: VCP413044
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: SWA358219 HERC



SAMPLE INFORMATION

Sample Number	VCP413044	---	---	---
Sample Date	08 Sep 2023	---	---	---
Machine Hours	2237	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 181	---	---	---
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CONTAMINATION

Silicon	ppm	█ 18	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 0	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. 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	█ 324	---	---	---
Copper	ppm	█ 9	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 4	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 6	---	---	---
Vanadium	ppm	█ 0	---	---	---



ADDITIVES

Calcium	ppm	█ 9	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 25	---	---	---
Phosphorus	ppm	█ 453	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 0	---	---	---

Depot: VOLVO0093
Unique No: 10649026
Signed: Angela Borella
Report Date: 19 Sep 2023



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GRAPHS

