



CONSTRUCTION EQUIPMENT

SPM593827 HERC VOLVO ECR235 311787 - SWING DRIVE



Sample No: VCP412634
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: SPM593827 HERC



SAMPLE INFORMATION

Sample Number	VCP412634	VCP319773	---	---
Sample Date	08 Aug 2023	15 Sep 2021	---	---
Machine Hours	2592	1063	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
 8418 PALM RIVER ROAD
 TAMPA, FL
 US 33619
 Contact: KENNY HANEY
 khaney@flaglerce.com
 T: (813)630-0077
 F: (813)630-2233



OIL CONDITION

Visc @ 40°C	cSt	309	180	---	---
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CONTAMINATION

Silicon	ppm	5	9	---	---
Sodium	ppm	0	3	---	---
Potassium	ppm	<1	<1	---	---



WEAR METALS

Iron	ppm	113	553	---	---
Copper	ppm	9	21	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	<1	2	---	---
Chromium	ppm	1	7	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	2	8	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	33	11	---	---
Magnesium	ppm	9	1	---	---
Zinc	ppm	23	32	---	---
Phosphorus	ppm	977	466	---	---
Barium	ppm	0	0	---	---
Boron	ppm	168	12	---	---

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: VOLVO0093
Unique No: 10605058
Signed: Wes Davis
Report Date: 16 Aug 2023



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GRAPHS

