



CONSTRUCTION EQUIPMENT

SPM661173 HERC VOLVO ECR145EL 311879 - SWING DRIVE



Sample No: VCP454237
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: SPM661173 HERC



SAMPLE INFORMATION

Sample Number	VCP454237	---	---	---
Sample Date	15 Apr 2024	---	---	---
Machine Hours	2911	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

ALTA EQUIPMENT COMPANY

5210 REESE ROAD
 DAVIE, FL
 US 33314

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 T: (954)581-4744
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OIL CONDITION

Visc @ 40°C	cSt	█ 173	---	---	---
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CONTAMINATION

Water	%	▲ 0.649	---	---	---
Silicon	ppm	█ 24	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 2	---	---	---



WEAR METALS

Iron	ppm	█ 912	---	---	---
Copper	ppm	█ 46	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ 1	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ 9	---	---	---
Molybdenum	ppm	█ 1	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	2	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 12	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 38	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 89	---	---	---
Phosphorus	ppm	█ 816	---	---	---
Barium	ppm	█ 11	---	---	---
Boron	ppm	<1	---	---	---

Diagnosis

We advise that you check for the source of water entry. 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. Appearance is hazy. There is a moderate concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO0095
Unique No: 10983556
Signed: Jonathan Hester
Report Date: 23 Apr 2024



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GRAPHS

