



CONSTRUCTION EQUIPMENT

687399 HERC VOLVO ECR145 314342 - REAR LEFT FINAL DRIVE



Sample No: VCP438371
Oil Type: GEAR OIL SAE 80W90
Job No: 687399 HERC



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



SAMPLE INFORMATION

Sample Number	VCP438371	---	---	---
Sample Date	09 Mar 2024	---	---	---
Machine Hours	2244	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 141	---	---	---
-------------	-----	-------	-----	-----	-----



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 26	---	---	---
Sodium	ppm	█ 5	---	---	---
Potassium	ppm	█ 2	---	---	---



WEAR METALS

Iron	ppm	▲ 823	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	▲ 33	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	▲ 14	---	---	---
Molybdenum	ppm	█ 1	---	---	---
Nickel	ppm	█ 3	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	█ 17	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 37	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 88	---	---	---
Phosphorus	ppm	█ 531	---	---	---
Barium	ppm	█ 4	---	---	---
Boron	ppm	█ 4	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. The tin level is abnormal. The iron level is abnormal. The chromium level is abnormal. 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: 10941426
Signed: Sean Felton
Report Date: 27 Mar 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

