



CONSTRUCTION EQUIPMENT

HERC RENTALS VOLVO ECR145 3 15949 - REAR LEFT FINAL DRIVE



Sample No: VCP447341
Oil Type: GEAR OIL SAE 85W140
Job No: HERC RENTALS



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SAMPLE INFORMATION

Sample Number	VCP447341	---	---	---
Sample Date	24 Jun 2024	---	---	---
Machine Hours	863	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 138	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 17	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 2	---	---	---



WEAR METALS

Iron	ppm	█ 347	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	▲ 36	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ 8	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	█ 6	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 118	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 70	---	---	---
Phosphorus	ppm	█ 243	---	---	---
Barium	ppm	█ 2	---	---	---
Boron	ppm	█ 5	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The tin level is abnormal. All other metal levels are typical for a new component breaking in. 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: 11103041
Signed: Don Baldrige
Report Date: 02 Jul 2024



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GRAPHS

