



CONSTRUCTION EQUIPMENT

701219 HERC VOLVO ECR145 315778 - SWING DRIVE



Sample No: VCP4382117
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 701219 HERC



SAMPLE INFORMATION

Sample Number	VCP4382117	---	---	---
Sample Date	22 Apr 2024	---	---	---
Machine Hours	923	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 188	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 24	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 2	---	---	---

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.



WEAR METALS

Iron	ppm	█ 63	---	---	---
Copper	ppm	█ 28	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 1	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 19	---	---	---
Magnesium	ppm	█ <1	---	---	---
Zinc	ppm	█ 27	---	---	---
Phosphorus	ppm	█ 370	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 14	---	---	---

Depot: VOLVO0093
Unique No: 10991845
Signed: Don Baldrige
Report Date: 24 Apr 2024



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GRAPHS

