



CONSTRUCTION EQUIPMENT

SPM717501 LIEBHERR LH40 146405 - FRONT AXLE



Sample No: VCP436310
Oil Type: GEAR OIL SAE 80W90
Job No: SPM717501



SAMPLE INFORMATION

Sample Number	VCP436310	---	---	---
Sample Date	07 Jun 2024	---	---	---
Machine Hours	1142	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

ALTA EQUIPMENT CO - ORLAND PARK
 5000 INDUSTRIAL HWY
 GARY, IN
 US 46406
 Contact: DAVE ENG
 DAVE.ENG@ALTG.COM
 T: (312)350-2560
 F:



OIL CONDITION

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

Water	%	NEG	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 6	---	---	---
Potassium	ppm	█ <1	---	---	---

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	█ 4	---	---	---
Copper	ppm	█ 15	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 29	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 17	---	---	---
Phosphorus	ppm	█ 1674	---	---	---
Barium	ppm	█ 15	---	---	---
Boron	ppm	█ 137	---	---	---

Depot: VOLVO8885
Unique No: 11087933
Signed: Wes Davis
Report Date: 20 Jun 2024



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VOLVO GRAPHS

