



CONSTRUCTION EQUIPMENT

VOLVO L150H 6989 - FRONT RIGHT FINAL DRIVE



Sample No: VCP407073

Oil Type: VOLVO 80W

Job No:



SAMPLE INFORMATION

Sample Number	VCP407073	---	---	---
Sample Date	15 Dec 2023	---	---	---
Machine Hours	5961	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

CITY CARTING

221 OLD GATE LN
MILFORD, CT
US 06460

Contact: TAVINS BANKS
tavins@citycart.net
T: (203)223-3885
F:



OIL CONDITION

Visc @ 40°C	cSt	█ 44.9	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 17	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ <1	---	---	---

Diagnosis

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. Moderate concentration of visible dirt/debris present in the oil. Confirm oil type. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	█ 16	---	---	---
Copper	ppm	█ 0	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	3987	---	---	---
Magnesium	ppm	19	---	---	---
Zinc	ppm	1632	---	---	---
Phosphorus	ppm	1400	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	125	---	---	---

Depot: CITMILCON
Unique No: 10796943
Signed: Don Baldrige
Report Date: 22 Dec 2023



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GRAPHS

