



CONSTRUCTION EQUIPMENT

SWO-067600 LHOIST VOLVO L350H 1007 - TRANSMISSION (MANUAL)



Sample No: VCP445803
Oil Type: NOT GIVEN
Job No: SWO-067600 LHOIST



SAMPLE INFORMATION

Sample Number	VCP445803	VCP402622	VCP373075	VCP341607
Sample Date	17 Nov 2023	05 Apr 2023	15 Apr 2022	03 Nov 2021
Machine Hours	17555	1551	12518	10571
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

COWIN EQUIPMENT COMPANY

2238 PINSON VALLEY PARKWAY
 BIRMINGHAM, AL
 US 35217
 Contact: BRANTLY CLAY
 bclay@cowin.com
 T:
 F: (205)856-2106



OIL CONDITION

Visc @ 40°C	cSt	103	94.8	95.2	96.3
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	7	10	18	15
Sodium	ppm	3	<1	1	2
Potassium	ppm	0	0	0	0



WEAR METALS

Iron	ppm	7	13	18	7
Copper	ppm	15	28	38	16
Lead	ppm	<1	0	<1	<1
Tin	ppm	<1	<1	<1	<1
Aluminum	ppm	1	<1	1	1
Chromium	ppm	0	0	<1	<1
Molybdenum	ppm	0	1	1	<1
Nickel	ppm	<1	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	<1
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3104	3517	3583	3639
Magnesium	ppm	12	21	17	14
Zinc	ppm	1169	1170	1111	1145
Phosphorus	ppm	1075	925	958	997
Barium	ppm	0	0	0	0
Boron	ppm	<1	2	5	20

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: VOLVO8528
Unique No: 10756051
Signed: Wes Davis
Report Date: 27 Nov 2023



CONSTRUCTION EQUIPMENT



GRAPHS

