



CONSTRUCTION EQUIPMENT

IMPACT AUTO 8-381488 VOLVO L-90-H 624436 - FRONT AXLE



Sample No: VCP353280

Oil Type: NOT GIVEN

Job No: 8-381488



SAMPLE INFORMATION

Sample Number	VCP353280	VCP352942	VCP274246	VCP191165
Sample Date	31 Oct 2023	09 Nov 2022	10 Mar 2021	17 Jul 2019
Machine Hours	8077	6030	3960	1973
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Chngd	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



STRONGCO EQUIPMENT INC.

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OIL CONDITION

Visc @ 40°C	cSt	39.3	39.4	38.7	39.8
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CONTAMINATION

Silicon	ppm	9	8	13	10
Sodium	ppm	9	9	11	11
Potassium	ppm	0	<1	9	1



WEAR METALS

Iron	ppm	45	26	94	58
Copper	ppm	<1	<1	1	<1
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	1	<1	<1	<1
Chromium	ppm	1	<1	4	3
Molybdenum	ppm	3	2	12	10
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	<1	<1	0
Silver	ppm	<1	0	<1	0
Manganese	ppm	3	2	9	6
Vanadium	ppm	0	0	<1	0



ADDITIVES

Calcium	ppm	3999	4043	3991	3847
Magnesium	ppm	14	12	10	9
Zinc	ppm	1605	1612	1661	1571
Phosphorus	ppm	1323	1376	1312	1291
Barium	ppm	<1	0	0	0
Boron	ppm	116	115	113	113

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is SAE 70W80 Wet Brake Transaxle Oil. Please confirm the oil type and grade, and specify the brand of the oil on your next sample. 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.

Depot: SHEMIS
Unique No: 5672170
Signed: Wes Davis
Report Date: 08 Nov 2023



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GRAPHS

