



CONSTRUCTION EQUIPMENT

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



Sample No: VCP353205
Oil Type: NOT GIVEN
Job No: 8-381488



SAMPLE INFORMATION

Sample Number	VCP353205	VCP352974	VCP352977	VCP274239
Sample Date	31 Oct 2023	09 Nov 2022	09 Nov 2022	10 Mar 2021
Machine Hours	8072	10091	6030	3960
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Not Changd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

STRONGCO EQUIPMENT INC.

1640 ENTERPRISE ROAD
MISSISSAUGA, ON
CA L4W 4L4

Contact: Janice Cripps
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OIL CONDITION

Visc @ 40°C	cSt	39.1	39.8	39.2	39.2
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CONTAMINATION

Silicon	ppm	10	14	8	15
Sodium	ppm	9	9	9	12
Potassium	ppm	<1	<1	<1	10



WEAR METALS

Iron	ppm	59	124	36	113
Copper	ppm	10	13	8	55
Lead	ppm	<1	<1	<1	2
Tin	ppm	<1	3	1	6
Aluminum	ppm	1	2	1	1
Chromium	ppm	1	4	1	4
Molybdenum	ppm	0	1	<1	2
Nickel	ppm	<1	1	<1	1
Titanium	ppm	0	<1	<1	<1
Silver	ppm	<1	1	0	<1
Manganese	ppm	2	4	2	8
Vanadium	ppm	0	0	0	<1



ADDITIVES

Calcium	ppm	3939	4396	4003	4050
Magnesium	ppm	13	17	12	11
Zinc	ppm	1585	1681	1600	1654
Phosphorus	ppm	1306	1381	1369	1315
Barium	ppm	<1	0	0	0
Boron	ppm	115	129	116	116

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: 5672169
Signed: Wes Davis
Report Date: 08 Nov 2023



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GRAPHS

