



CONSTRUCTION EQUIPMENT

IMPACT AUTO 8-387334 VOLVO L90H 624434 - REAR AXLE



Sample No: VCP393153
Oil Type: TRANSAXLE OIL SAE 75W80
Job No: 8-387334



SAMPLE INFORMATION

Sample Number	VCP393153	VCP352716	VCP273415	VCP
Sample Date	17 Jan 2024	10 Jan 2023	16 Sep 2020	17 May 2019
Machine Hours	10170	8143	3970	2007
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Not Changd
Sample Status	NORMAL	NORMAL	ABNORMAL	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	41.7	39.6	39.4	40.1
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	16	14	14	14
Sodium	ppm	<1	9	11	11
Potassium	ppm	2	1	2	2



WEAR METALS

Iron	ppm	41	116	103	74
Copper	ppm	3	20	149	130
Lead	ppm	0	<1	▲ 6	4
Tin	ppm	<1	3	▲ 17	14
Aluminum	ppm	2	2	<1	<1
Chromium	ppm	<1	2	5	4
Molybdenum	ppm	0	<1	3	3
Nickel	ppm	<1	<1	2	2
Titanium	ppm	0	<1	<1	0
Silver	ppm	0	0	<1	0
Manganese	ppm	<1	3	9	7
Vanadium	ppm	0	0	<1	0



ADDITIVES

Calcium	ppm	4226	4272	4115	4047
Magnesium	ppm	16	19	11	11
Zinc	ppm	1637	1655	1676	1666
Phosphorus	ppm	1335	1439	1378	1336
Barium	ppm	0	0	<1	0
Boron	ppm	119	118	121	116

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.

Depot: SHEMIS
Unique No: 5711465
Signed: Wes Davis
Report Date: 22 Jan 2024



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GRAPHS

