



CONSTRUCTION EQUIPMENT

SPM619898 VOLVO L90H 625 106 - TRANSMISSION (AUTO)



Sample No: VCP415284
Oil Type: VOLVO AT 102
Job No: SPM619898



SAMPLE INFORMATION

Sample Number	VCP415284	VCP354449	VCP05839647	VCP379193
Sample Date	12 Oct 2023	22 Aug 2023	18 Apr 2023	11 Jan 2023
Machine Hours	5121	4106	4020	3460
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

UNITED SCRAP

1545 S CICERO AVE
 CICERO, IL
 US 60804
 Contact: RON LUCHTENBURG
 rluchten@unitedscrap.com
 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	27.9	27.7	27.9	29.2
-------------	-----	-------------	------	------	------



CONTAMINATION

Silicon	ppm	5	4	2	4
Sodium	ppm	4	4	3	2
Potassium	ppm	2	1	2	2



WEAR METALS

Iron	ppm	53	55	51	50
Copper	ppm	4	6	2	4
Lead	ppm	<1	2	0	0
Tin	ppm	<1	<1	0	0
Aluminum	ppm	<1	<1	0	0
Chromium	ppm	<1	<1	0	<1
Molybdenum	ppm	1	2	<1	2
Nickel	ppm	<1	0	0	0
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	3	3	2	2
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	112	137	113	120
Magnesium	ppm	41	34	36	31
Zinc	ppm	73	77	62	67
Phosphorus	ppm	212	222	208	208
Barium	ppm	0	0	0	<1
Boron	ppm	62	78	76	78

Diagnosis

Resample at the next service interval to monitor. 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: UNICICIL
Unique No: 10713450
Signed: Wes Davis
Report Date: 27 Oct 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

