



CONSTRUCTION EQUIPMENT

SWA309003 VOLVO L90F 25703 - REAR AXLE



Sample No: VCP418262
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No: SWA309003



SAMPLE INFORMATION

Sample Number	VCP418262	VCP370773	VCP255497	---
Sample Date	18 Jul 2023	26 Oct 2022	18 Dec 2019	---
Machine Hours	8719	8396	7112	---
Oil Hours	0	0	0	---
Oil Changed	N/A	Changed	N/A	---
Sample Status	NORMAL	SEVERE	SEVERE	---

ALTA EQUIPMENT

5985 COURT STREET ROAD
 SYRACUSE, NY
 US 13206
 Contact: JIM STRIGLE
 JIM.STRIGLE@ALTG.COM
 T: (315)437-2611
 F: (315)434-9471



OIL CONDITION

Visc @ 40°C	cSt	43.3	47.4	47.2	---
-------------	-----	-------------	------	------	-----



CONTAMINATION

Silicon	ppm	14	20	19	---
Sodium	ppm	5	0	4	---
Potassium	ppm	0	6	11	---



WEAR METALS

Iron	ppm	30	141	135	---
Copper	ppm	50	428	384	---
Lead	ppm	<1	3	3	---
Tin	ppm	6	44	40	---
Aluminum	ppm	2	2	1	---
Chromium	ppm	<1	4	4	---
Molybdenum	ppm	<1	4	2	---
Nickel	ppm	<1	0	1	---
Titanium	ppm	<1	2	3	---
Silver	ppm	0	<1	<1	---
Manganese	ppm	1	6	6	---
Vanadium	ppm	<1	0	2	---



ADDITIVES

Calcium	ppm	4054	3595	3585	---
Magnesium	ppm	16	11	12	---
Zinc	ppm	1545	1433	1402	---
Phosphorus	ppm	1310	1204	1190	---
Barium	ppm	0	8	6	---
Boron	ppm	160	117	98	---

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: VOLVO0142
Unique No: 10572480
Signed: Wes Davis
Report Date: 25 Jul 2023



CONSTRUCTION EQUIPMENT



GRAPHS

