



CONSTRUCTION EQUIPMENT

370426 VOLVO L90F 71858 - REAR AXLE



Sample No: VCP352623
Oil Type: VOLVO WB 102
Job No: 370426



SAMPLE INFORMATION

Sample Number	VCP352623	VCP297749	VCP222934	---
Sample Date	27 Jun 2023	09 Sep 2021	27 Mar 2019	---
Machine Hours	14945	14221	12027	---
Oil Hours	2000	2000	2000	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

IMPACT AUTO
 285125 DUFF DRIVE SE
 ROCKYVIEW, AB
 CA T1X 0K1
 Contact:



OIL CONDITION

Visc @ 40°C	cSt	43.1	39.4	40.7	---
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T:
F:



CONTAMINATION

Silicon	ppm	45	14	18	---
Sodium	ppm	<1	7	1	---
Potassium	ppm	<1	2	1	---

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.



WEAR METALS

Iron	ppm	4	32	52	---
Copper	ppm	<1	4	8	---
Lead	ppm	0	<1	<1	---
Tin	ppm	0	<1	<1	---
Aluminum	ppm	1	2	1	---
Chromium	ppm	0	<1	<1	---
Molybdenum	ppm	<1	0	0	---
Nickel	ppm	0	<1	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	<1	0	---
Manganese	ppm	<1	<1	<1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	3895	4089	4294	---
Magnesium	ppm	27	14	14	---
Zinc	ppm	1503	1659	1662	---
Phosphorus	ppm	1261	1392	1327	---
Barium	ppm	0	0	0	---
Boron	ppm	117	124	125	---

Depot: IMPROC
Unique No: 5604419
Signed: Wes Davis
Report Date: 29 Jun 2023



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GRAPHS

