



CONSTRUCTION EQUIPMENT

370426 VOLVO L90F 71858 - FRONT AXLE



Sample No: VCP352625
Oil Type: VOLVO WB 102
Job No: 370426



SAMPLE INFORMATION

Sample Number	VCP352625	VCP297757	VCP222933	---
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	43.4	39.3	40.4	---
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T:
F:



CONTAMINATION

Silicon	ppm	15	13	17	---
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	2	27	30	---
Copper	ppm	<1	<1	0	---
Lead	ppm	0	<1	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	2	1	<1	---
Chromium	ppm	0	<1	<1	---
Molybdenum	ppm	1	<1	<1	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	0	<1	<1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	3969	3993	4308	---
Magnesium	ppm	28	14	20	---
Zinc	ppm	1558	1630	1658	---
Phosphorus	ppm	1322	1376	1321	---
Barium	ppm	0	0	0	---
Boron	ppm	122	121	126	---

Depot: IMPROC
Unique No: 5604420
Signed: Wes Davis
Report Date: 29 Jun 2023



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GRAPHS

