

## CONSTRUCTION EQUIPMENT VOLVO L90G 617795 - REAR AXLE



Sample No:VCP438056Oil Type:CASTROL 75W

#### Job No:

	E INFORMATION	l		
Sample Number		VCP438056	VCP441956	 
Sample Date		09 Jan 2024	08 Jan 2024	 
Machine Hours		8921	8419	 
Oil Hours		0	0	 
Oil Changed		Not Changd	Changed	 
Sample Status		ABNORMAL	ABNORMAL	 
OIL CON	DITION			
Visc @ 40°C	cSt	42.5	36.1	 
	001			
VOLVO				 
CONTAN	MINATION			
Water	%	NEG	NEG	 
Silicon	ppm	<b>16</b>	15	 
Sodium	ppm	0	< 1	 
Potassium	ppm	0	0	 
WEAR N	METALS			
Iron	ppm	99	393	 
Copper	ppm	13	92	 
Lead	ppm	0	0	 
Tin	ppm	<1	8	 
Aluminum	ppm	2	2	 
Chromium	ppm	<1	2	 
Molybdenum	ppm	<1	0	 
Nickel	ppm	0	<1	 
Titanium	ppm	0	0	 
Silver	ppm	0	0	 
Manganese	ppm	2	4	 
Vanadium	ppm	0	0	 
VOLVO				
ADDITIN				
Calcium	ppm	3417	1541	 

Calcium	ppm	3417	1541	 
Magnesium	ppm	23	14	 
Zinc	ppm	1451	706	 
Phosphorus	ppm	1147	669	 
Barium	ppm	0	0	 
Boron	ppm	104	44	 



#### WHITAKER CONSTRUCTION

44 SOUTH 1050 BRIGHAM CITY, UT US 84302 Contact: Dave Wickman dave.wickam@whitcon.com T: F:

### Diagnosis

We advise that you inspect for the source(s) of metal. Resample at the next service interval to monitor.High concentration of visible metal present. 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.

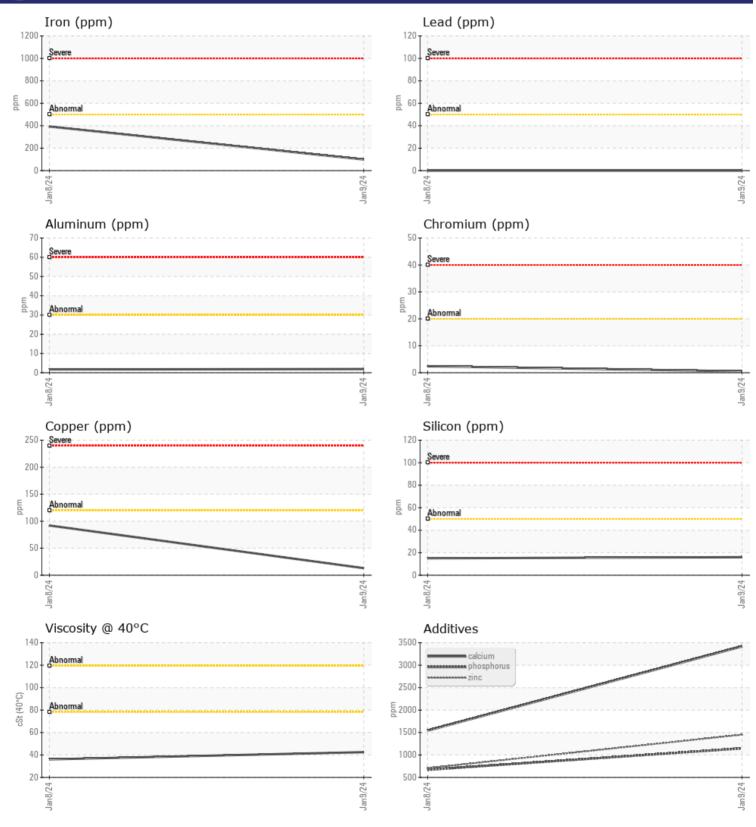
Depot:	WHIBRIUT
Unique No:	10832904
Signed:	Don Baldridge
Report Date:	17 Jan 2024

# **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: WHIBRIUT [WUSCAR] 06061522 (Generated: 01/17/2024 18:06:59) Rev: 1

Contact/Location: Dave Wickman - WHIBRIUT