

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	16	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.

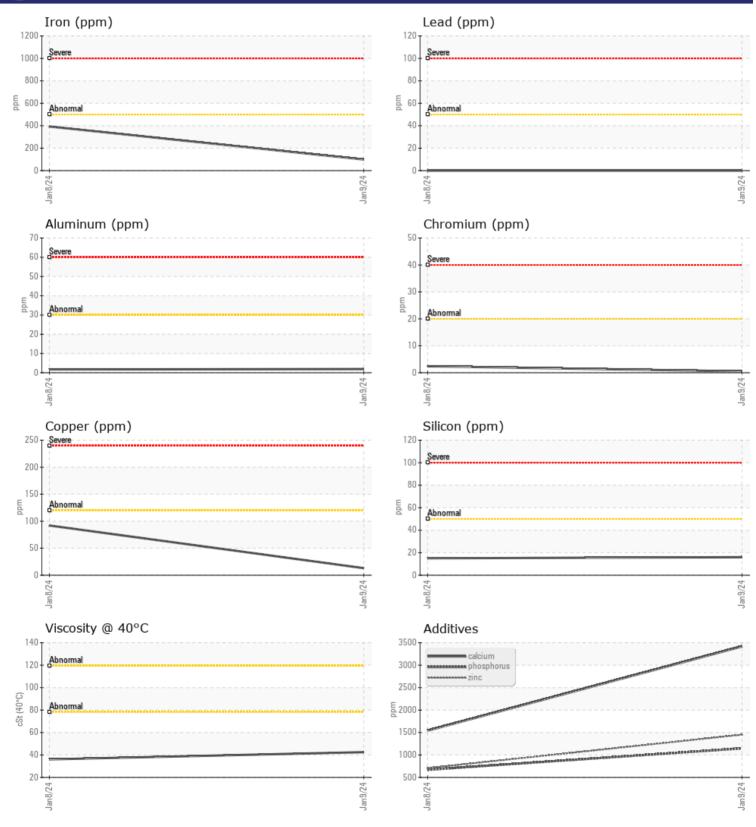
Depot:	WHIBRIUT
Unique No:	10832904
Signed:	Don Baldridge
Report Date:	17 Jan 2024

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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

Contact/Location: Dave Wickman - WHIBRIUT