



CONSTRUCTION EQUIPMENT

D12894 WM VOLVO L70H 624717 - REAR AXLE



Sample No: VCP429538
Oil Type: VOLVO WB 102
Job No: D12894 WM



SAMPLE INFORMATION

Sample Number	VCP429538	VCP429533	VCP418994	VCP419008
Sample Date	19 Oct 2023	19 Oct 2023	08 Sep 2023	04 Aug 2023
Machine Hours	3224	3224	2966	2770
Oil Hours	258	3224	617	471
Oil Changed	Not Changd	Not Changd	Changed	Not Changd
Sample Status	NORMAL	---	NORMAL	ABNORMAL

ARING EQUIPMENT COMPANY INC - MAIN (MILWAUKEE)
 13001 W SILVERE SPRING DR
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OIL CONDITION

Visc @ 40°C	cSt	43.0	27.2	42.9	42.9
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CONTAMINATION

Silicon	ppm	13	9	9	19
Sodium	ppm	<1	4	3	2
Potassium	ppm	0	1	0	<1



WEAR METALS

Iron	ppm	41	78	204	617
Copper	ppm	3	11	16	14
Lead	ppm	<1	0	0	<1
Tin	ppm	0	0	<1	1
Aluminum	ppm	1	1	2	3
Chromium	ppm	<1	<1	<1	4
Molybdenum	ppm	8	<1	<1	11
Nickel	ppm	0	0	2	2
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	8	3	8
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3951	84	3512	4062
Magnesium	ppm	24	2	17	19
Zinc	ppm	1578	35	1535	1671
Phosphorus	ppm	1248	187	1391	1275
Barium	ppm	0	<1	0	0
Boron	ppm	140	63	101	144

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: VOLVO0069
Unique No: 10711079
Signed: Wes Davis
Report Date: 25 Oct 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

