



CONSTRUCTION EQUIPMENT

TRIPLE M METAL LP 396735 VOLVO L220H 2464 - REAR AXLE



Sample No: VCP430027
Oil Type: VOLVO WB 102
Job No: 396735



SAMPLE INFORMATION

Sample Number	VCP430027	VCP260348	VCP260776	VCE243712
Sample Date	01 Mar 2024	01 May 2020	19 Nov 2019	05 Jun 2018
Machine Hours	23932	14948	13010	6845
Oil Hours	2000	2000	0	2000
Oil Changed	N/A	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

STRONGCO EQUIPMENT (CE)

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OIL CONDITION

Visc @ 40°C	cSt	42.5	40.4	42.0	42.5
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	16	12	15	17
Sodium	ppm	2	<1	5	3
Potassium	ppm	1	<1	1	0

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

PQ		---	---	---	115
Iron	ppm	70	103	272	569
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	4	2	4	<1
Chromium	ppm	<1	<1	2	6
Molybdenum	ppm	0	<1	4	3
Nickel	ppm	<1	<1	<1	3
Titanium	ppm	0	<1	<1	0
Silver	ppm	0	0	<1	0
Manganese	ppm	<1	1	3	10
Vanadium	ppm	0	<1	<1	0



ADDITIVES

Calcium	ppm	3889	4116	3858	3974
Magnesium	ppm	14	22	66	16
Zinc	ppm	1511	1683	1626	1644
Phosphorus	ppm	1266	1371	1352	1402
Barium	ppm	0	<1	<1	0
Boron	ppm	105	117	112	120

Depot: VOLVO0252
Unique No: 5737767
Signed: Wes Davis
Report Date: 07 Mar 2024



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VOLVO GRAPHS

