



CONSTRUCTION EQUIPMENT

TRIPLE M METAL LP 392280 VOLVO L220H 2461 - FRONT AXLE



Sample No: VCP391992
Oil Type: VOLVO WB 102
Job No: 392280



SAMPLE INFORMATION

Sample Number	VCP391992	VCP380085	VCP394985	VCP273175
Sample Date	08 Feb 2024	04 Dec 2023	19 Jul 2023	03 Sep 2020
Machine Hours	24447	23552	22253	14469
Oil Hours	0	0	0	2000
Oil Changed	Changed	Not Chngd	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

STRONGCO EQUIPMENT (CE)

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OIL CONDITION

Visc @ 40°C	cSt	42.6	40.3	43.6	40.6
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	13	14	16	11
Sodium	ppm	<1	1	4	2
Potassium	ppm	<1	<1	1	<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	33	28	60	36
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	<1	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	2	1	2	<1
Chromium	ppm	<1	<1	1	1
Molybdenum	ppm	0	0	1	<1
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	0	<1	<1
Silver	ppm	0	<1	0	0
Manganese	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	<1



ADDITIVES

Calcium	ppm	3760	3804	4264	3825
Magnesium	ppm	23	24	28	12
Zinc	ppm	1459	1535	1630	1591
Phosphorus	ppm	1262	1211	1341	1313
Barium	ppm	0	<1	0	0
Boron	ppm	108	112	129	111

Depot: VOLVO0252
Unique No: 5724235
Signed: Wes Davis
Report Date: 14 Feb 2024



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GRAPHS

