



CONSTRUCTION EQUIPMENT

TRIPLE M 393678 VOLVO A30G 752850 - BOGIE/CENTER AXLE



Sample No: VCP394410
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 393678



SAMPLE INFORMATION

Sample Number	VCP394410	VCP430011	VCP381026	VCP382115
Sample Date	06 Feb 2024	10 Oct 2023	21 Feb 2023	01 Feb 2023
Machine Hours	17773	4419	1212	785
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

STRONGCO EQUIPMENT (CE)

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OIL CONDITION

Visc @ 40°C	cSt	137	137	122	82.5
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	1	2	2	3
Sodium	ppm	<1	<1	<1	<1
Potassium	ppm	2	0	<1	4

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	60	55	35	51
Copper	ppm	2	3	3	10
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	<1	<1
Aluminum	ppm	<1	<1	1	<1
Chromium	ppm	<1	<1	<1	1
Molybdenum	ppm	0	<1	2	3
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	0	<1	0
Silver	ppm	0	<1	0	0
Manganese	ppm	<1	<1	2	3
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	38	45	356	1398
Magnesium	ppm	1	2	3	4
Zinc	ppm	14	19	138	516
Phosphorus	ppm	1053	1027	1181	1450
Barium	ppm	0	<1	1	5
Boron	ppm	170	172	183	223

Depot: VOLVO0252
Unique No: 5724232
Signed: Kevin Marson
Report Date: 14 Feb 2024



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GRAPHS

