



CONSTRUCTION EQUIPMENT

TRIPLE M METAL MLF-MAR14-022 VOLVO EC700C 110606 - RIGHT SWING DRIVE



Sample No: VCP448151
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: MLF-MAR14-022



SAMPLE INFORMATION

Sample Number	VCP448151	VCP391533	VCP394774	VCP275316
Sample Date	19 Mar 2024	08 Jan 2024	11 Jul 2023	01 Mar 2021
Machine Hours	29157	28630	25708	19663
Oil Hours	1000	0	0	1000
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	ABNORMAL	NORMAL	NORMAL

STRONGCO EQUIPMENT (CE)

1051 Heritage Rd.
 Burlington, ON
 CA L7L 4Y1

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OIL CONDITION

Visc @ 40°C	cSt	141	140	142	138
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CONTAMINATION

Water	%	NEG	▲ 1.118	NEG	NEG
Silicon	ppm	0	2	2	4
Sodium	ppm	<1	<1	<1	<1
Potassium	ppm	0	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	16	35	94	110
Copper	ppm	1	2	2	4
Lead	ppm	0	<1	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	0	1	<1	<1
Chromium	ppm	0	<1	<1	1
Molybdenum	ppm	0	0	0	0
Nickel	ppm	0	0	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	0	<1
Manganese	ppm	0	0	<1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	26	24	8	61
Magnesium	ppm	<1	2	2	2
Zinc	ppm	17	23	12	32
Phosphorus	ppm	993	994	1152	980
Barium	ppm	0	0	0	0
Boron	ppm	162	149	172	112

Depot: VOLVO0252
Unique No: 5748952
Signed: Wes Davis
Report Date: 21 Mar 2024



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VOLVO GRAPHS

