



CONSTRUCTION EQUIPMENT

TRIPLE M METAL MLF-MAR14-020 VOLVO EC700C 110606 - LEFT SWING DRIVE



Sample No: VCP448144
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: MLF-MAR14-020



STRONGCO EQUIPMENT (CE)
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SAMPLE INFORMATION

Sample Number	VCP448144	VCP391998	VCP394773	VCP274050
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	N/A	Changed	Changed	Changed
Sample Status	ABNORMAL	NORMAL	ABNORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	142	141	127	142
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CONTAMINATION

Water	%	NEG	NEG	▲ 0.615	NEG
Silicon	ppm	0	<1	7	3
Sodium	ppm	<1	0	3	<1
Potassium	ppm	0	<1	2	0



WEAR METALS

Iron	ppm	19	42	362	56
Copper	ppm	<1	<1	5	3
Lead	ppm	0	<1	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	0	<1	2	<1
Chromium	ppm	0	<1	3	<1
Molybdenum	ppm	0	0	<1	0
Nickel	ppm	0	<1	<1	<1
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	0	<1
Manganese	ppm	0	0	3	<1
Vanadium	ppm	0	0	0	<1



ADDITIVES

Calcium	ppm	28	18	32	34
Magnesium	ppm	1	1	5	1
Zinc	ppm	17	8	28	19
Phosphorus	ppm	1020	1003	2000	993
Barium	ppm	0	0	0	0
Boron	ppm	165	166	170	163

Diagnosis

We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. All component wear rates are normal. There is a moderate concentration of water present in the oil. Free water present. The oil is no longer serviceable due to the presence of contaminants.

Depot: VOLV00252
Unique No: 5748949
Signed: Kevin Marson
Report Date: 21 Mar 2024



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GRAPHS

