



CONSTRUCTION EQUIPMENT

TRIPLE M METAL 379600 VOLVO EC700C 110604 - REAR LEFT FINAL DRIVE



Sample No: VCP394717
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 379600



SAMPLE INFORMATION

Sample Number	VCP394717	VCP275323	VCP221674	VCE175586
Sample Date	15 Oct 2023	18 Feb 2021	02 Oct 2019	18 Jan 2018
Machine Hours	10016	7448	6095	3891
Oil Hours	0	2000	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	141	141	139	144
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CONTAMINATION

Silicon	ppm	4	2	1	2
Sodium	ppm	2	<1	<1	5
Potassium	ppm	0	0	<1	0



WEAR METALS

Iron	ppm	32	16	14	46
Copper	ppm	<1	<1	<1	<1
Lead	ppm	<1	0	0	0
Tin	ppm	0	0	0	<1
Aluminum	ppm	2	<1	<1	<1
Chromium	ppm	<1	<1	<1	1
Molybdenum	ppm	0	0	0	0
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	<1	<1	<1	0
Manganese	ppm	<1	<1	<1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	19	4	4	9
Magnesium	ppm	4	<1	<1	<1
Zinc	ppm	6	3	5	9
Phosphorus	ppm	976	946	1056	1021
Barium	ppm	<1	0	<1	<1
Boron	ppm	174	159	183	167

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.

Depot: VOLVO0252
Unique No: 5658823
Signed: Wes Davis
Report Date: 17 Oct 2023



CONSTRUCTION EQUIPMENT



GRAPHS

