



CONSTRUCTION EQUIPMENT

TRIPLE M METAL 390107 VOLVO EC700C 110606 - REAR LEFT FINAL DRIVE



Sample No: VCP394178
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 390107



SAMPLE INFORMATION

Sample Number	VCP394178	VCP251344	VCP251345	VCP260325
Sample Date	08 Jan 2024	13 Jul 2020	13 Jul 2020	22 Jan 2020
Machine Hours	28630	16884	16884	15139
Oil Hours	0	0	0	1000
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

STRONGCO EQUIPMENT (CE)

1051 Heritage Rd.
 Burlington, ON
 CA L7L 4Y1
 Contact: Sue Hooton
 shooton@strongco.com
 T: (905)331-3835
 F: (905)643-6077



OIL CONDITION

Visc @ 40°C	cSt	140	131	139	132
-------------	-----	------------	-----	-----	-----



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	6	45	36	13
Sodium	ppm	<1	<1	<1	4
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	69	283	181	102
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	<1	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	6	36	28	10
Chromium	ppm	<1	4	2	1
Molybdenum	ppm	0	0	0	<1
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	4	2	1
Silver	ppm	0	0	0	0
Manganese	ppm	2	16	9	4
Vanadium	ppm	0	<1	<1	<1



ADDITIVES

Calcium	ppm	41	411	212	118
Magnesium	ppm	7	51	33	13
Zinc	ppm	6	94	8	28
Phosphorus	ppm	1042	1011	1007	1041
Barium	ppm	0	0	0	0
Boron	ppm	192	148	131	179

Depot: VOLVO0252
Unique No: 5709007
Signed: Wes Davis
Report Date: 10 Jan 2024



CONSTRUCTION EQUIPMENT



GRAPHS

