



CONSTRUCTION EQUIPMENT

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



Sample No: VCP394169
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 390107



SAMPLE INFORMATION

Sample Number	VCP394169	VCP263092	---	---
Sample Date	08 Jan 2024	22 Jan 2020	---	---
Machine Hours	28630	15139	---	---
Oil Hours	0	1000	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

STRONGCO EQUIPMENT (CE)

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OIL CONDITION

Visc @ 40°C	cSt	140	137	---	---
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CONTAMINATION

Water	%	NEG	0.036	---	---
Silicon	ppm	6	17	---	---
Sodium	ppm	<1	2	---	---
Potassium	ppm	<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	70	131	---	---
Copper	ppm	<1	<1	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	5	14	---	---
Chromium	ppm	<1	2	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	1	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	2	6	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	33	89	---	---
Magnesium	ppm	6	17	---	---
Zinc	ppm	5	11	---	---
Phosphorus	ppm	1177	1028	---	---
Barium	ppm	0	0	---	---
Boron	ppm	182	174	---	---

Depot: VOLVO0252
Unique No: 5709006
Signed: Wes Davis
Report Date: 10 Jan 2024



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GRAPHS

