



CONSTRUCTION EQUIPMENT

TRIPLE M METAL LP 396709 VOLVO EC380E 310885 - REAR RIGHT FINAL DRIVE



Sample No: VCP450400
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 396709



SAMPLE INFORMATION

Sample Number	VCP450400	VCP252013	VCE115160	---
Sample Date	08 Mar 2024	04 Feb 2020	31 Aug 2018	---
Machine Hours	12206	4714	2222	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

STRONGCO EQUIPMENT (CE)

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OIL CONDITION

Visc @ 40°C	cSt	138	141	138	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	9	34	57	---
Sodium	ppm	<1	<1	2	---
Potassium	ppm	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

PQ		---	---	283	---
Iron	ppm	177	443	708	---
Copper	ppm	<1	<1	1	---
Lead	ppm	0	0	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	4	17	28	---
Chromium	ppm	5	12	12	---
Molybdenum	ppm	<1	1	1	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	0	2	3	---
Silver	ppm	<1	<1	0	---
Manganese	ppm	2	9	14	---
Vanadium	ppm	0	<1	<1	---



ADDITIVES

Calcium	ppm	98	111	190	---
Magnesium	ppm	7	24	40	---
Zinc	ppm	10	16	17	---
Phosphorus	ppm	1047	1042	973	---
Barium	ppm	0	0	<1	---
Boron	ppm	170	157	135	---

Depot: VOLVO0252
Unique No: 5746710
Signed: Wes Davis
Report Date: 12 Mar 2024



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GRAPHS

