



CONSTRUCTION EQUIPMENT

TRIPLE M METAL LP 396709 VOLVO EC380E 310885 - SWING DRIVE



Sample No: VCP450404
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 396709



STRONGCO EQUIPMENT (CE)

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SAMPLE INFORMATION

Sample Number	VCP450404	VCP252015	VCE115157	---
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	ABNORMAL	NORMAL	NORMAL	---



OIL CONDITION

Visc @ 40°C	cSt	134	137	132	---
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CONTAMINATION

Water	%	▲ 1.008	NEG	NEG	---
Silicon	ppm	10	4	8	---
Sodium	ppm	2	0	3	---
Potassium	ppm	1	<1	<1	---



WEAR METALS

Iron	ppm	242	87	194	---
Copper	ppm	6	3	14	---
Lead	ppm	<1	0	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	8	1	2	---
Chromium	ppm	3	1	2	---
Molybdenum	ppm	0	0	<1	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	0	<1	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	4	1	3	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	39	118	19	---
Magnesium	ppm	11	2	2	---
Zinc	ppm	19	60	15	---
Phosphorus	ppm	1116	1066	1030	---
Barium	ppm	0	0	1	---
Boron	ppm	151	168	152	---

Diagnosis

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. 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. The oil is no longer serviceable due to the presence of contaminants.

Depot: VOLVO0252
Unique No: 5746715
Signed: Kevin Marson
Report Date: 13 Mar 2024



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GRAPHS

