



CONSTRUCTION EQUIPMENT

TRIPLE M METAL 392279 VOLVO EC380E 314843 - SWING DRIVE



Sample No: VCP391988
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 392279



SAMPLE INFORMATION

Sample Number	VCP391988	VCP391687	VCP352308	---
Sample Date	24 Jan 2024	17 Jul 2023	14 Oct 2022	---
Machine Hours	4061	2990	1303	---
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	136	144	175	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	3	4	11	---
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

Iron	ppm	64	85	258	---
Copper	ppm	3	4	13	---
Lead	ppm	0	0	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	1	2	1	---
Chromium	ppm	1	2	5	---
Molybdenum	ppm	<1	<1	0	---
Nickel	ppm	<1	0	0	---
Titanium	ppm	0	<1	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	2	5	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	44	16	10	---
Magnesium	ppm	9	4	2	---
Zinc	ppm	43	10	15	---
Phosphorus	ppm	1003	997	309	---
Barium	ppm	<1	<1	5	---
Boron	ppm	154	153	2	---

Depot: VOLVO0252
Unique No: 5720727
Signed: Wes Davis
Report Date: 26 Jan 2024



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GRAPHS

