



CONSTRUCTION EQUIPMENT

SPM728723 CIMO - REAR LEFT FINAL DRIVE



Sample No: VCP444193
Oil Type: GEAR OIL SAE 80W90
Job No: SPM728723 CIMO



SAMPLE INFORMATION

Sample Number	VCP444193	VCP422134	---	---
Sample Date	16 Jun 2024	03 Aug 2023	---	---
Machine Hours	2008	991	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	ATTENTION	NORMAL	---	---

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 5000 INDUSTRIAL HWY
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 US 46406
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 F:



OIL CONDITION

Visc @ 40°C	cSt	88.11	172	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	4	10	---	---
Sodium	ppm	0	0	---	---
Potassium	ppm	1	2	---	---



WEAR METALS

Iron	ppm	6	128	---	---
Copper	ppm	12	<1	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	2	2	---	---
Chromium	ppm	<1	5	---	---
Molybdenum	ppm	62	<1	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	0	3	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	1143	13	---	---
Magnesium	ppm	1041	2	---	---
Zinc	ppm	1326	9	---	---
Phosphorus	ppm	1050	325	---	---
Barium	ppm	0	4	---	---
Boron	ppm	<1	0	---	---

Diagnosis

The oil change at the time of sampling has been noted. 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 oil viscosity is lower than normal. Additive levels indicate the addition of a different brand, or type of oil. Confirm oil type.

Depot: VOLVO8885
Unique No: 11089395
Signed: Jonathan Hester
Report Date: 26 Jun 2024



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GRAPHS

