



CONSTRUCTION EQUIPMENT

COOKE CO PCT 1 VOLVO G946C 585005 - TRANSMISSION (AUTO)



Sample No: VCP408114
Oil Type: CHEVRON ATF TYPE F
Job No: COOKE CO PCT 1



SAMPLE INFORMATION

Sample Number	VCP408114	VCP408671	VCE214257	---
Sample Date	26 Jun 2023	09 Jun 2023	23 Dec 2022	---
Machine Hours	7301	7146	7048	---
Oil Hours	0	0	0	---
Oil Changed	Changed	N/A	N/A	---
Sample Status	ABNORMAL	ABNORMAL	ABNORMAL	---

ROMCO INC
1350 NE LOOP 820
FORT WORTH, TX
US 76106
Contact: CHRIS BITNER
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OIL CONDITION

Visc @ 40°C	cSt	30.9	32.3	27.6	---
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CONTAMINATION

Silicon	ppm	9	▲ 25	4	---
Sodium	ppm	2	2	3	---
Potassium	ppm	2	4	0	---

Diagnosis

We advise that you inspect for the source(s) of metal. Resample at the next service interval to monitor. Moderate concentration of visible metal present. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	19	62	48	---
Copper	ppm	3	4	8	---
Lead	ppm	<1	<1	2	---
Tin	ppm	<1	<1	0	---
Aluminum	ppm	1	4	4	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	<1	<1	<1	---
Nickel	ppm	0	<1	0	---
Titanium	ppm	0	<1	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	1	2	<1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	60	61	50	---
Magnesium	ppm	1	2	1	---
Zinc	ppm	30	23	18	---
Phosphorus	ppm	202	197	160	---
Barium	ppm	0	0	0	---
Boron	ppm	74	70	41	---

Depot: VOLVO0081
Unique No: 10546441
Signed: Don Baldrige
Report Date: 07 Jul 2023



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GRAPHS

