



CONSTRUCTION EQUIPMENT

GFL 8-404316 VOLVO A40G 353367 - UNKNOWN COMPONENT



Sample No: VCP392878

Oil Type: {unknown}

Job No: 8-404316



SAMPLE INFORMATION

Sample Number	VCP392878	---	---	---
Sample Date	14 May 2024	---	---	---
Machine Hours	1178	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

STRONGCO EQUIPMENT INC.

1640 ENTERPRISE ROAD
MISSISSAUGA, ON
CA L4W 4L4

Contact: Janice Cripps
jcripps@strongco.com
T: (905)565-3876
F: (905)670-2338



OIL CONDITION

Visc @ 40°C	cSt	1038	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	50	---	---	---
Sodium	ppm	1068	---	---	---
Potassium	ppm	17	---	---	---



WEAR METALS

Iron	ppm	19	---	---	---
Copper	ppm	96	---	---	---
Lead	ppm	3	---	---	---
Tin	ppm	1	---	---	---
Aluminum	ppm	45	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	22	---	---	---
Nickel	ppm	2	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	8	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	435	---	---	---
Magnesium	ppm	5	---	---	---
Zinc	ppm	884	---	---	---
Phosphorus	ppm	158	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	26	---	---	---

Diagnosis

We advise that you check all areas where contaminants can enter the system. We recommend that you drain the sample from the component if this has not already been done. We recommend an early resample to monitor this condition. Please specify the brand, type, and viscosity of the oil on your next sample. Aluminum and copper ppm levels are marginal. All other component wear rates are normal. Excessive free water present. The sample contained a visible layer of foreign fluid contaminant, the origin and/or type of fluid is unknown. The sample is no longer serviceable due to the presence of contaminants.

Depot: SHEMIS
Unique No: 5785590
Signed: Kevin Marson
Report Date: 21 May 2024

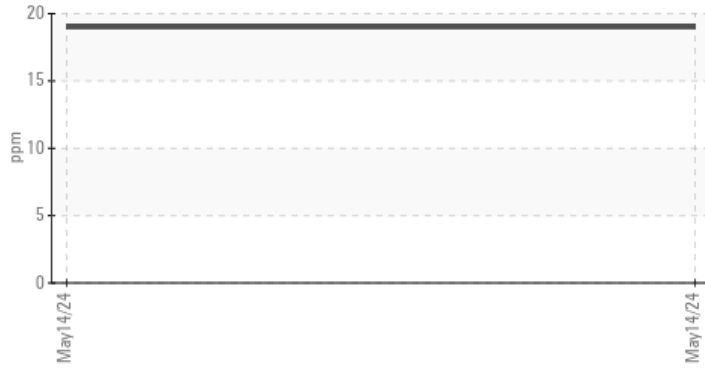


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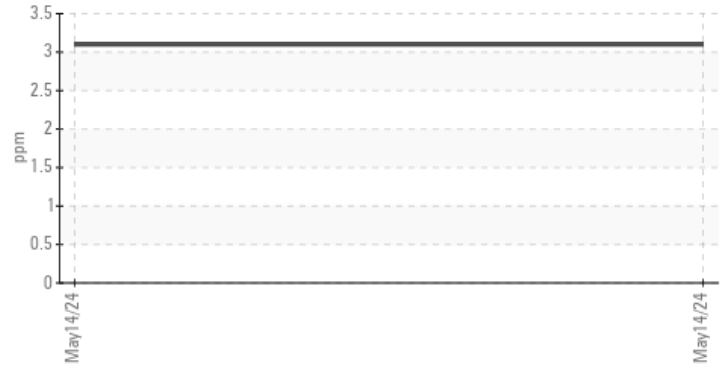


GRAPHS

Iron (ppm)



Lead (ppm)



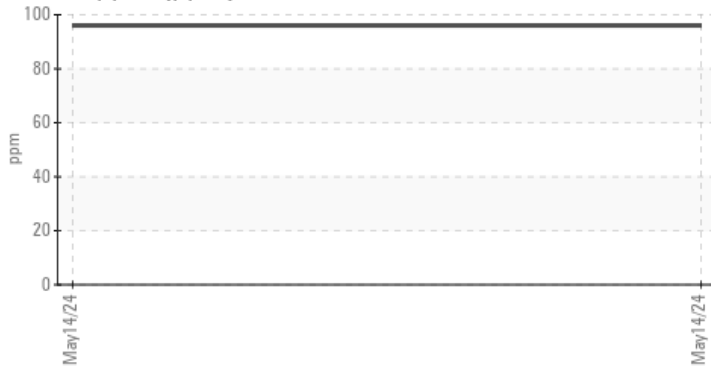
Aluminum (ppm)



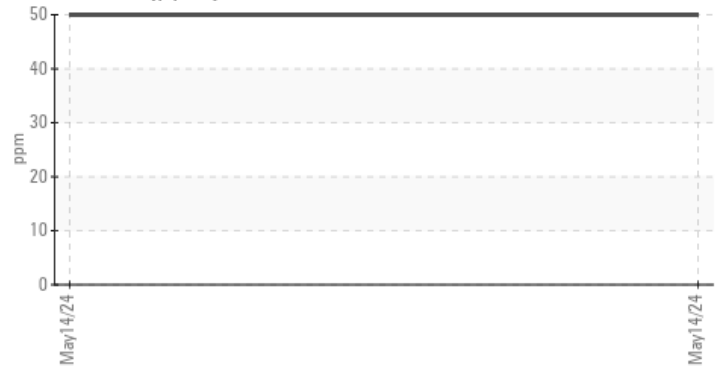
Chromium (ppm)



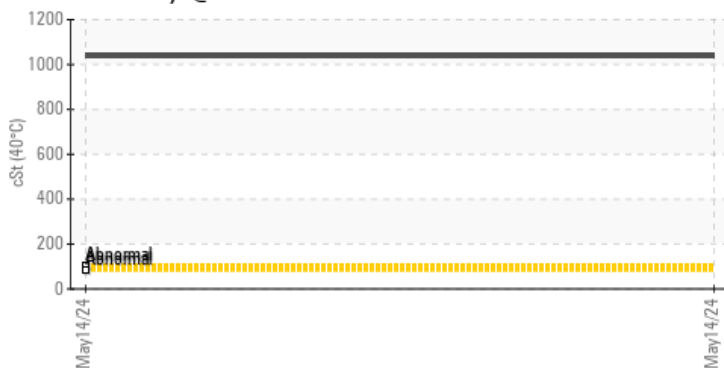
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

