CONSTRUCTION EQUIPMENT

SPM647543-10 VOLVO A45G 352374 - WET DISC BRAKE

Sample No: VCP436135
Oil Type: {unknown}
Job No: SPM647543-10

ALTA EQUIPMENT COMPANY
8750 PHILIPS HWY
JACKSONVILLE, FL
US 32256
Contact: SHAWN NORTHCRAFT
shawn.northcraft@altg.com
T: (904)737-6000
F: (904)737-1260

SAMPLE INFORMATION

Sample Number		**VCP436135**	---	---	---
Sample Date		**09 Jan 2024**	---	---	---
Machine Hours		**4085**	---	---	---
Oil Hours		**0**	---	---	---
Oil Changed		**N/A**	---	---	---
Sample Status		**ABNORMAL**	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	**40.9**	---	---	---

CONTAMINATION

Water	%	**NEG**	---	---	---
Silicon	ppm	**15**	---	---	---
Sodium	ppm	**4**	---	---	---
Potassium	ppm	**2**	---	---	---

WEAR METALS

Iron	ppm	**26**	---	---	---
Copper	ppm	**181**	---	---	---
Lead	ppm	**0**	---	---	---
Tin	ppm	**0**	---	---	---
Aluminum	ppm	**2**	---	---	---
Chromium	ppm	**<1**	---	---	---
Molybdenum	ppm	**0**	---	---	---
Nickel	ppm	**4**	---	---	---
Titanium	ppm	**0**	---	---	---
Silver	ppm	**0**	---	---	---
Manganese	ppm	**<1**	---	---	---
Vanadium	ppm	**0**	---	---	---

ADDITIVES

Calcium	ppm	**3448**	---	---	---
Magnesium	ppm	**7**	---	---	---
Zinc	ppm	**1538**	---	---	---
Phosphorus	ppm	**1253**	---	---	---
Barium	ppm	**0**	---	---	---
Boron	ppm	**81**	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.The iron level is abnormal. The copper level is abnormal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

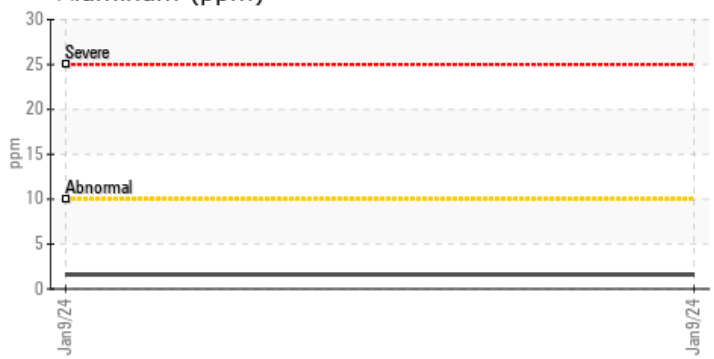
Depot: VOLVO0092
Unique No: 10822940
Signed: Sean Felton
Report Date: 11 Jan 2024

GRAPHS

Iron (ppm)

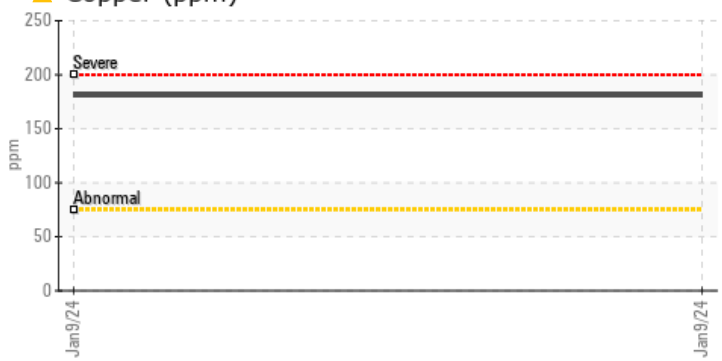
Lead (ppm)

Aluminum (ppm)

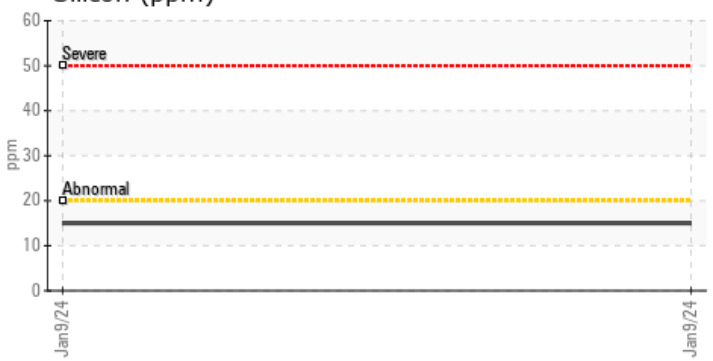


Chromium (ppm)

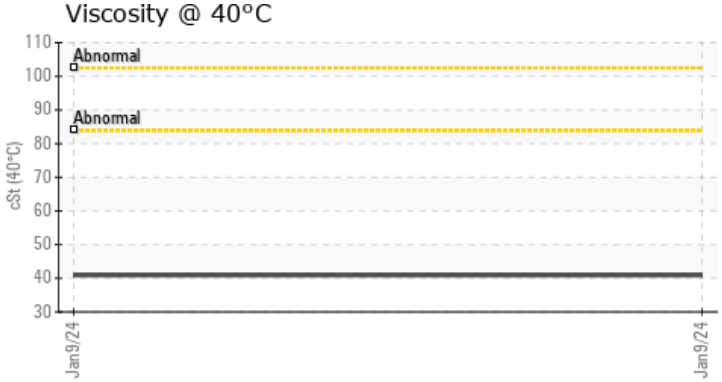
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives