CONSTRUCTION EQUIPMENT
230736 ASG VOLVO A40D 70062 - TRANSMISSION

Sample No: VCP409583
Oil Type: {unknown}
Job No: 230736 ASG

ROMCO INC
1350 NE LOOP 820
FORT WORTH, TX
US 76106
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SAMPLE INFORMATION

Sample Number		**VCP409583**	---	---	---
Sample Date		**05 Jun 2024**	---	---	---
Machine Hours		**31333**	---	---	---
Oil Hours		**0**	---	---	---
Oil Changed		**Not Changd**	---	---	---
Sample Status		**ABNORMAL**	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	**30.9**	---	---	---

CONTAMINATION

Water	%	**NEG**	---	---	---
Silicon	ppm	**6**	---	---	---
Sodium	ppm	**5**	---	---	---
Potassium	ppm	**3**	---	---	---

WEAR METALS

Iron	ppm	▲ **162**	---	---	---
Copper	ppm	**253**	---	---	---
Lead	ppm	**13**	---	---	---
Tin	ppm	**6**	---	---	---
Aluminum	ppm	**13**	---	---	---
Chromium	ppm	**<1**	---	---	---
Molybdenum	ppm	**<1**	---	---	---
Nickel	ppm	**3**	---	---	---
Titanium	ppm	**<1**	---	---	---
Silver	ppm	**<1**	---	---	---
Manganese	ppm	**4**	---	---	---
Vanadium	ppm	**0**	---	---	---

ADDITIVES

Calcium	ppm	**161**	---	---	---
Magnesium	ppm	**7**	---	---	---
Zinc	ppm	**153**	---	---	---
Phosphorus	ppm	**193**	---	---	---
Barium	ppm	**0**	---	---	---
Boron	ppm	**31**	---	---	---

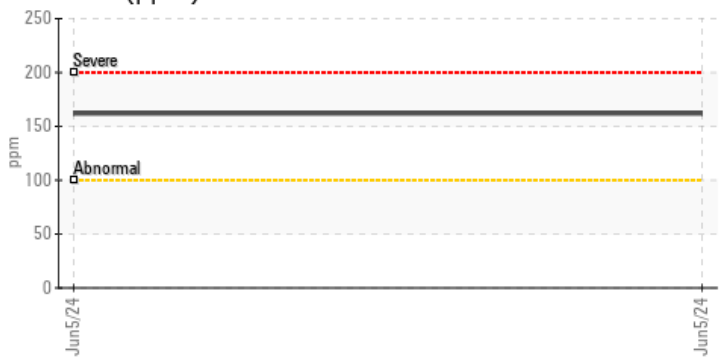
Diagnosis

We recommend that you drain the fluid from the component if this has not already been done. We recommend an early resample to monitor this condition.Gear wear is indicated. High wear metal levels reflect the reported failure. There is no indication of any contamination in the fluid. The fluid is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: VOLVO0081
Unique No: 11073277
Signed: Jonathan Hester
Report Date: 13 Jun 2024

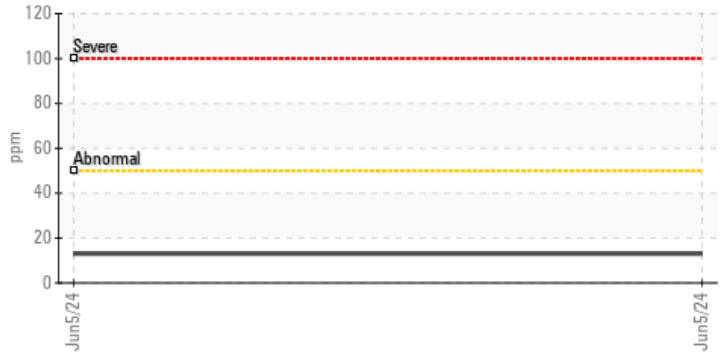
GRAPHS

Iron (ppm)

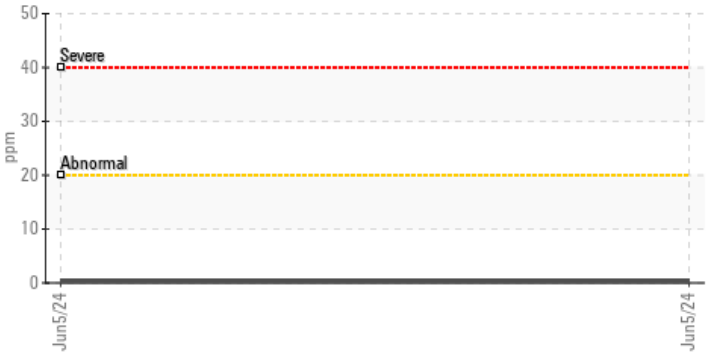


Lead (ppm)

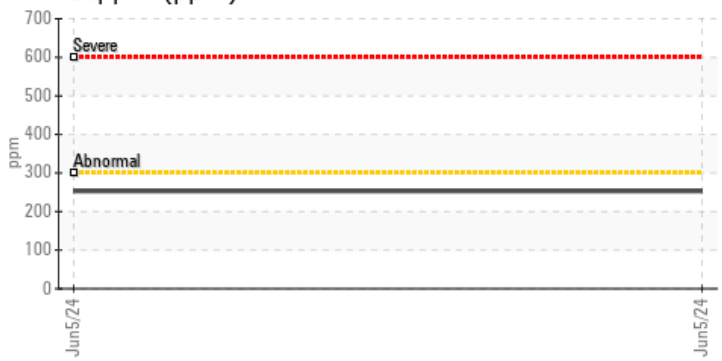
Aluminum (ppm)



Chromium (ppm)

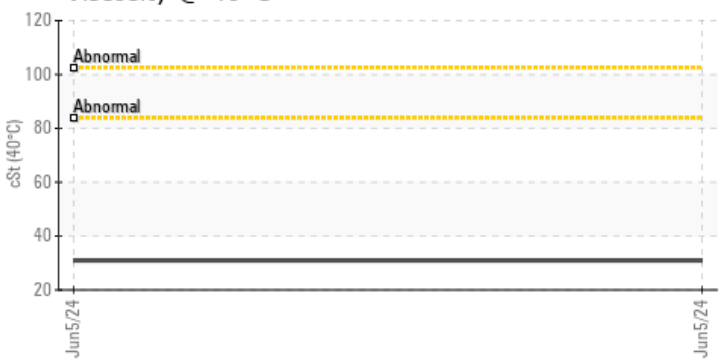


Copper (ppm)



Silicon (ppm)

Viscosity @ 40°C



Additives