



CONSTRUCTION EQUIPMENT

SW0799264 VOLVO A45G 352632 - DROP BOX



Sample No: VCP349116
Oil Type: GEAR OIL SAE 80W90
Job No: SWO799264



SAMPLE INFORMATION

Sample Number	VCP349116	---	---	---
Sample Date	30 Dec 2021	---	---	---
Machine Hours	506	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ATTENTION	---	---	---

A J MCDIRT
P.O. BOX 781
STERLING, IL
US 61081
Contact: SERVICE MANAGER



OIL CONDITION

Visc @ 40°C	cSt	● 48.2	---	---	---
-------------	-----	--------	-----	-----	-----

T: (815)631-1606
F:



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 18	---	---	---
Sodium	ppm	■ 9	---	---	---
Potassium	ppm	■ 1	---	---	---

Diagnosis
No corrective action is recommended at this time. 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. Confirm oil type.



WEAR METALS

Iron	ppm	■ 103	---	---	---
Copper	ppm	■ 4	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	■ 22	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	■ 2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 66	---	---	---
Magnesium	ppm	■ 7	---	---	---
Zinc	ppm	■ 85	---	---	---
Phosphorus	ppm	■ 2312	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 216	---	---	---

Depot: AJMSTE
Unique No: 9811893
Signed: Jonathan Hester
Report Date: 14 Jan 2022

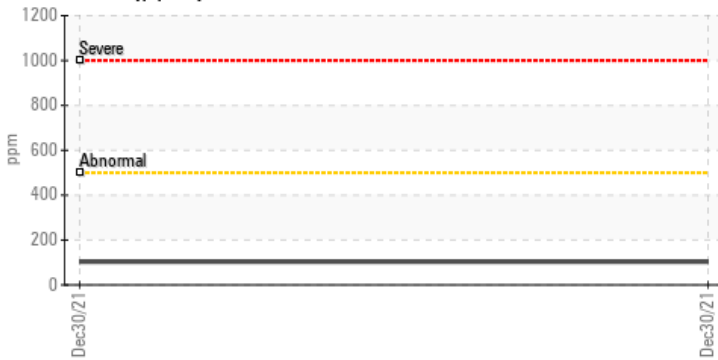


CONSTRUCTION EQUIPMENT

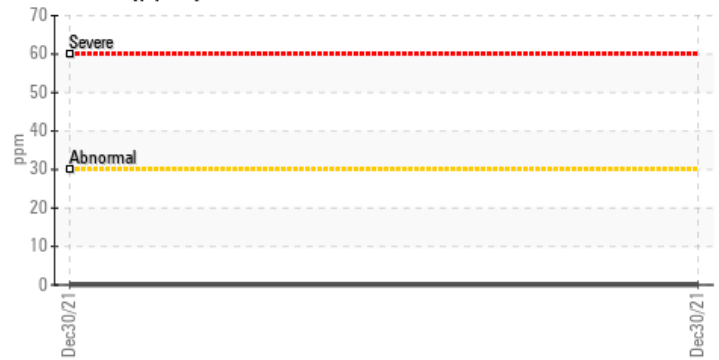


GRAPHS

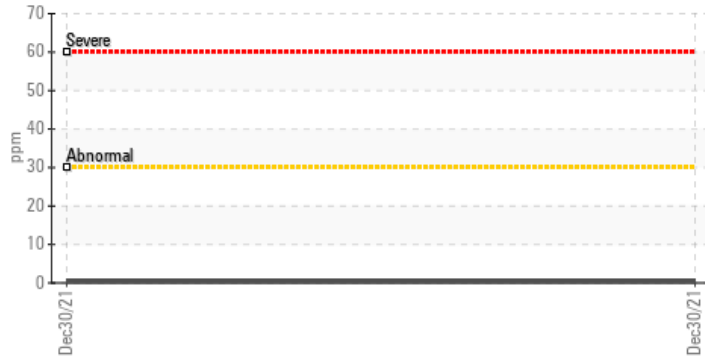
Iron (ppm)



Lead (ppm)



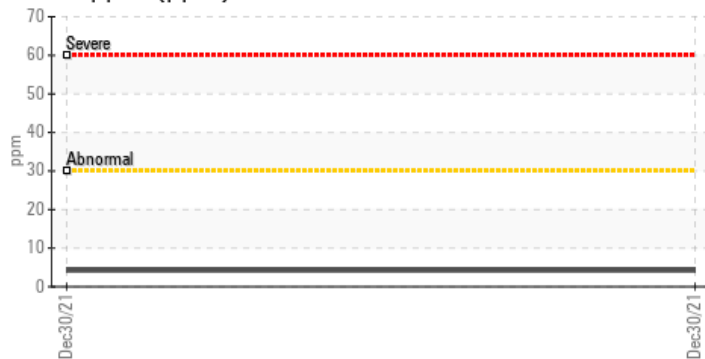
Aluminum (ppm)



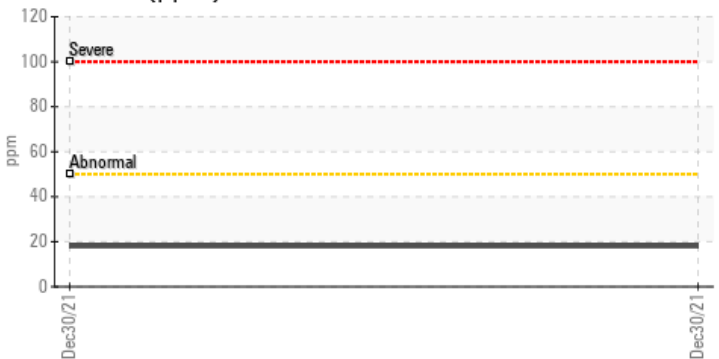
Chromium (ppm)



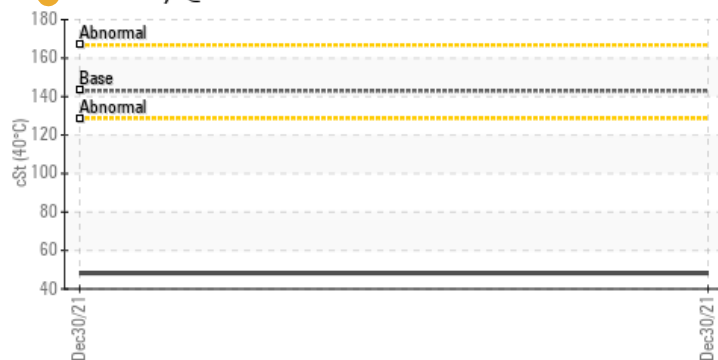
Copper (ppm)



Silicon (ppm)



● Viscosity @ 40°C



Additives

