



CONSTRUCTION EQUIPMENT

23846 VOLVO L350 1222 - TRANSMISSION



Sample No: VCP426999
Oil Type: VOLVO SUPER TRANSMISSION OIL SAE 30
Job No: 23846



218 - ASCENDUM MACHINERY INC - N. CHARLESTON
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 NORTH CHARLESTON, SC
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SAMPLE INFORMATION

Sample Number	VCP426999	---	---	---
Sample Date	25 Aug 2023	---	---	---
Machine Hours	3525	---	---	---
Oil Hours	1000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 40.5	---	---	---
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CONTAMINATION

Silicon	ppm	▲ 54	---	---	---
Sodium	ppm	█ 5	---	---	---
Potassium	ppm	█ 0	---	---	---



WEAR METALS

Iron	ppm	█ 38	---	---	---
Copper	ppm	▲ 194	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 1	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 3067	---	---	---
Magnesium	ppm	14	---	---	---
Zinc	ppm	█ 1121	---	---	---
Phosphorus	ppm	█ 959	---	---	---
Barium	ppm	█ 2	---	---	---
Boron	ppm	█ 0	---	---	---

Diagnosis

Oil and filter 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. Clutch and/or bushing/bearing wear is indicated. Elemental level of silicon (Si) above normal indicating ingress of seal material. The condition of the fluid is acceptable for the time in service.

Depot: VOLVO3387
Unique No: 10622908
Signed: Don Baldrige
Report Date: 30 Aug 2023

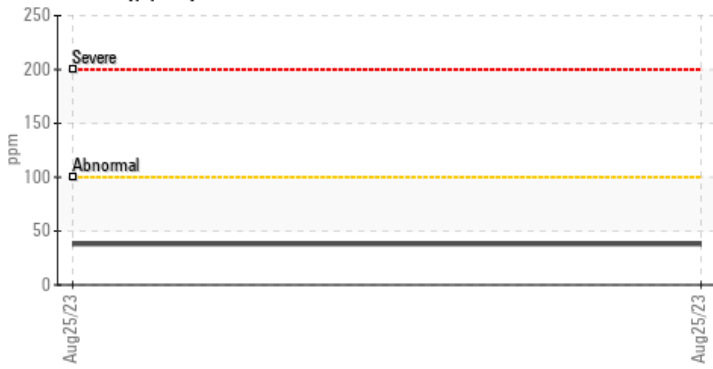


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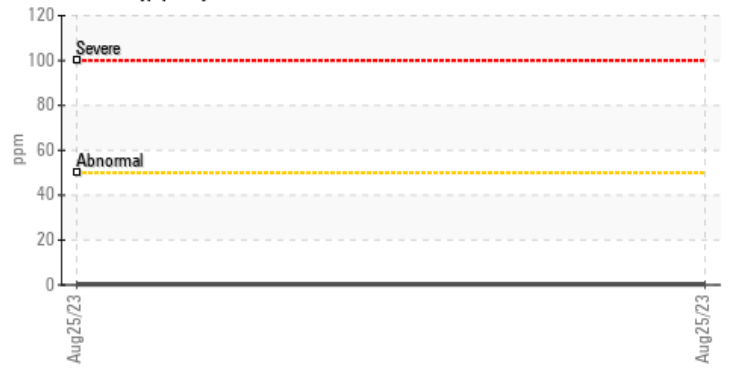


GRAPHS

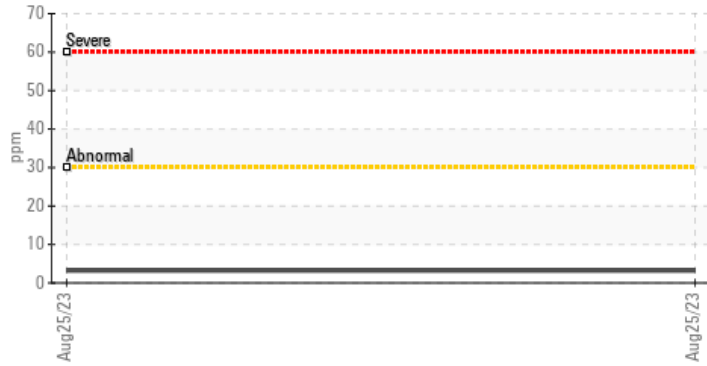
Iron (ppm)



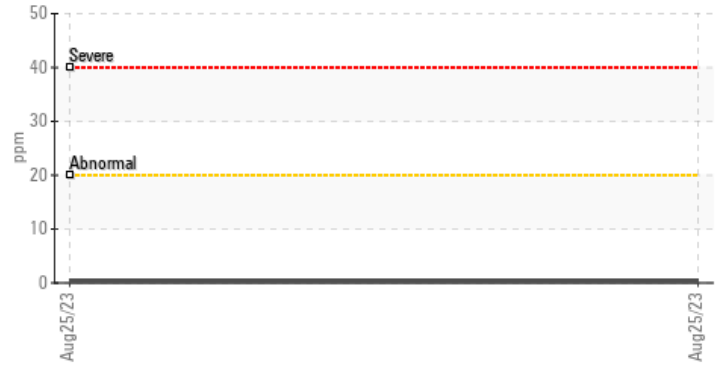
Lead (ppm)



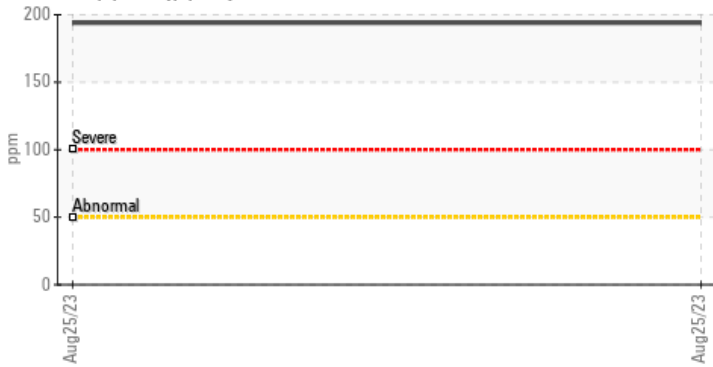
Aluminum (ppm)



Chromium (ppm)



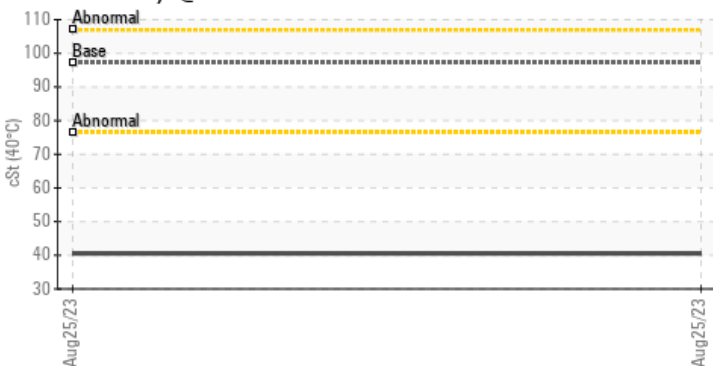
▲ Copper (ppm)



▲ Silicon (ppm)



Viscosity @ 40°C



Additives

