



CONSTRUCTION EQUIPMENT

SENNEBOGEN 830 830.0.1477 - TRANSMISSION



Sample No: VCP0002985
Oil Type: VOLVO VDS-4.5 Premium Motor Oil 15W40
Job No:



SAMPLE INFORMATION

Sample Number	VCP0002985	---	---	---
Sample Date	26 Jul 2022	---	---	---
Machine Hours	12056	---	---	---
Oil Hours	12056	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

COMMERCIAL METALS COMPANY
 410 ATANDO AVE
 CHARLOTTE, NC
 US 28206
 Contact: JOHN PELOSO
 john.peloso@cmc.com
 T: (813)613-5034
 F:

OIL CONDITION

Visc @ 40°C	cSt	■ 42.6	---	---	---
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CONTAMINATION

Water	%	▲ 0.549	---	---	---
Silicon	ppm	■ 5	---	---	---
Sodium	ppm	■ 43	---	---	---
Potassium	ppm	■ 0	---	---	---

WEAR METALS

Iron	ppm	■ 67	---	---	---
Copper	ppm	▲ 250	---	---	---
Lead	ppm	■ 4	---	---	---
Tin	ppm	■ 2	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	■ 16	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 2265	---	---	---
Magnesium	ppm	■ 168	---	---	---
Zinc	ppm	■ 1378	---	---	---
Phosphorus	ppm	■ 1261	---	---	---
Barium	ppm	■ <1	---	---	---
Boron	ppm	■ 3	---	---	---

Diagnosis
 We advise that you check for the source of water entry. The fluid change at the time of sampling has been noted. We recommend you service the filters on this component if applicable. We recommend an early resample to monitor this condition. Clutch and/or bushing/bearing wear is indicated. There is a moderate amount of visible silt present in the sample. Moderate concentration of visible dirt/debris present in the fluid. There is a moderate concentration of water present in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: COMCHAVC
Unique No: 10072682
Signed: Don Baldrige
Report Date: 30 Jul 2022

Submitted By: CHRISTOPHER CANIPE



CONSTRUCTION EQUIPMENT

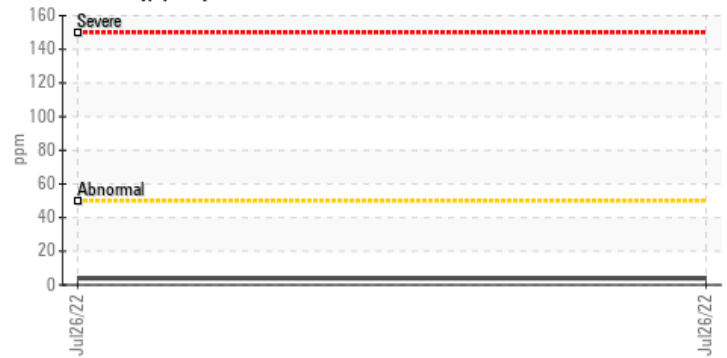


GRAPHS

Iron (ppm)



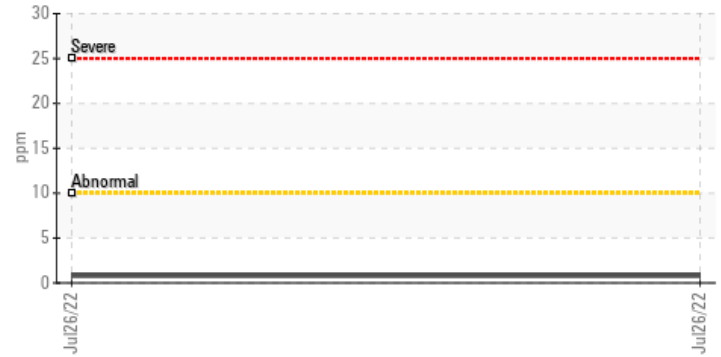
Lead (ppm)



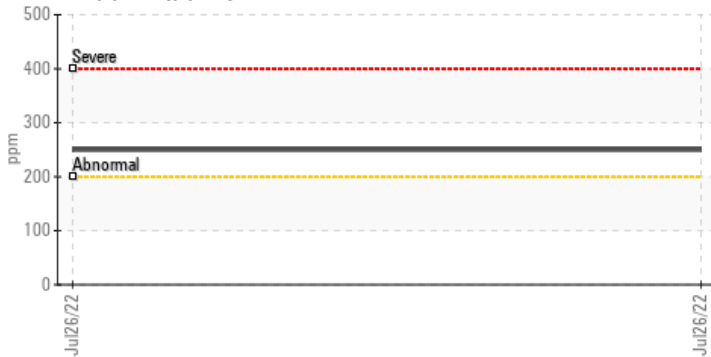
Aluminum (ppm)



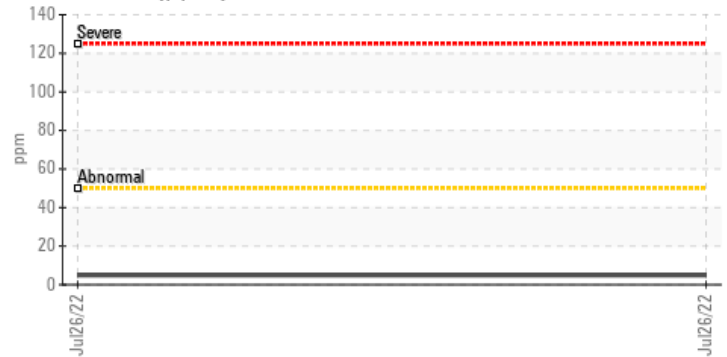
Chromium (ppm)



▲ Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



▲ Water

