



CONSTRUCTION EQUIPMENT

X47317 VOLVO EC220 314774 - FRONT LEFT FINAL DRIVE



Sample No: VCP418709
Oil Type: DIESEL ENGINE OIL SAE 15W40
Job No: X47317



SCOTT EQUIPMENT COMPANY LLC - Lake Charles
 PO BOX 16955
 LAKE CHARLES, LA
 US 70616
 Contact: TINA LEDOUX
 tledoux@scottcompanies.com
 T: (337)433-9811
 F: (318)433-6623



SAMPLE INFORMATION

Sample Number	VCP418709	---	---	---
Sample Date	15 Aug 2023	---	---	---
Machine Hours	944	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ATTENTION	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	▲ 189	---	---	---
-------------	-----	-------	-----	-----	-----



CONTAMINATION

Silicon	ppm	■ 473	---	---	---
Sodium	ppm	■ 1	---	---	---
Potassium	ppm	■ 11	---	---	---



WEAR METALS

Iron	ppm	■ 2622	---	---	---
Copper	ppm	■ 3	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 30	---	---	---
Chromium	ppm	■ 26	---	---	---
Molybdenum	ppm	■ 3	---	---	---
Nickel	ppm	■ 6	---	---	---
Titanium	ppm	■ 6	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	▲ 29	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	▲ 36	---	---	---
Magnesium	ppm	▲ 3	---	---	---
Zinc	ppm	▲ 24	---	---	---
Phosphorus	ppm	▲ 220	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	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 higher than normal. Additive levels indicate the addition of a different brand, or type of oil. Confirm oil type.

Depot: VOLVO6244
Unique No: 10616972
Signed: Jonathan Hester
Report Date: 25 Aug 2023

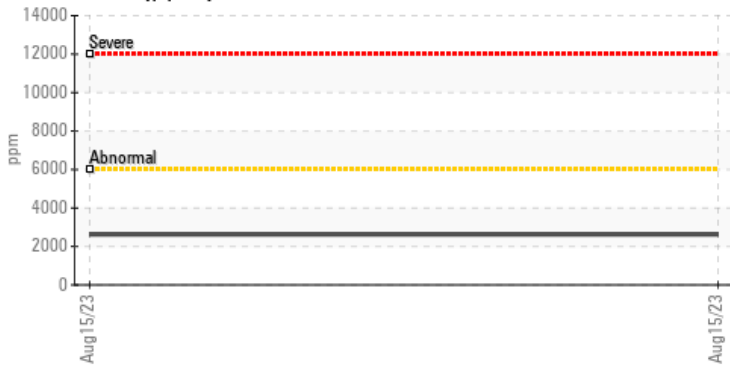


CONSTRUCTION EQUIPMENT

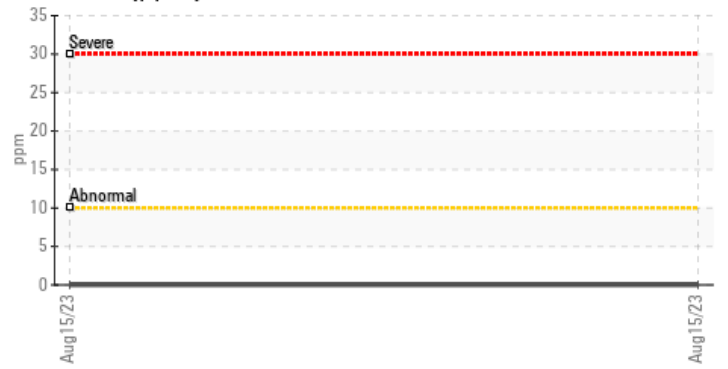


GRAPHS

Iron (ppm)



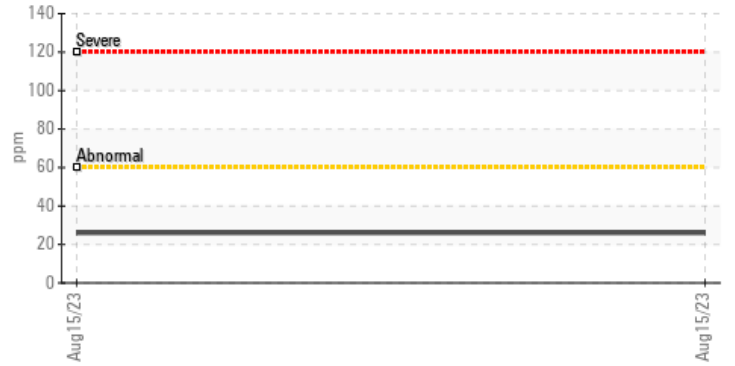
Lead (ppm)



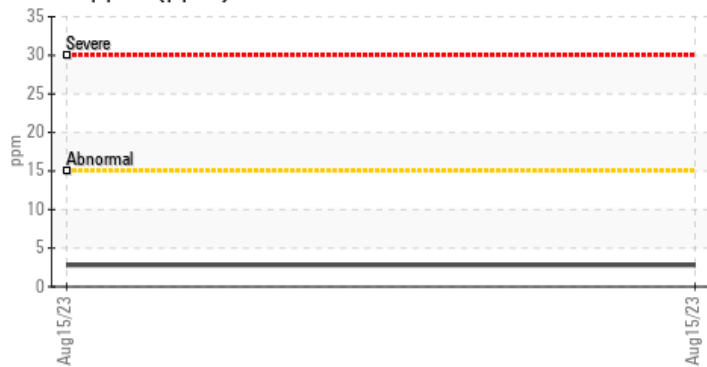
Aluminum (ppm)



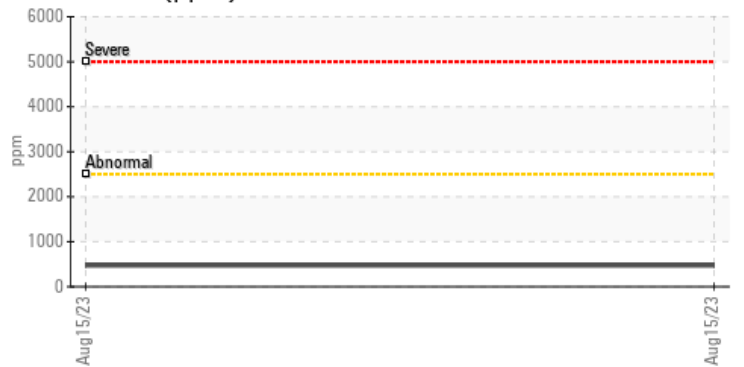
Chromium (ppm)



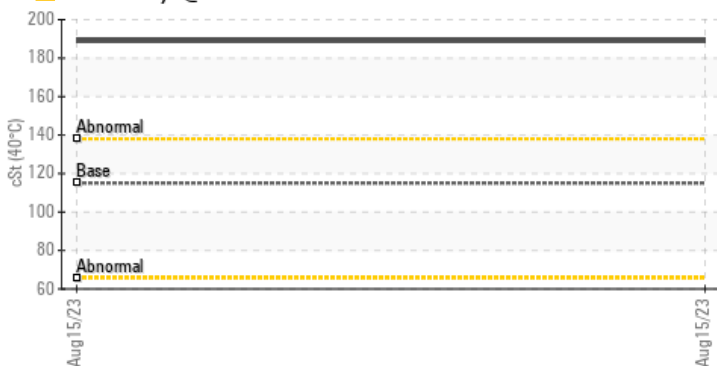
Copper (ppm)



Silicon (ppm)



▲ Viscosity @ 40°C



▲ Additives

