



CONSTRUCTION EQUIPMENT

X47172 VOLVO ECR580 2 10723 - HYDRAULIC SYSTEM



Sample No: VCP416482
Oil Type: DIESEL ENGINE OIL SAE 15W40
Job No: X47172



SAMPLE INFORMATION

Sample Number	VCP416482	---	---	---
Sample Date	13 Jul 2023	---	---	---
Machine Hours	2639	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

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



OIL CONDITION

Visc @ 40°C	cSt	█ 45.0	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.14	---	---	---



CONTAMINATION

Silicon	ppm	▲ 545	---	---	---
Sodium	ppm	█ 5	---	---	---
Potassium	ppm	█ 4	---	---	---



WEAR METALS

Iron	ppm	▲ 1036	---	---	---
Copper	ppm	▲ 212	---	---	---
Lead	ppm	█ 8	---	---	---
Tin	ppm	█ 6	---	---	---
Aluminum	ppm	▲ 38	---	---	---
Chromium	ppm	▲ 11	---	---	---
Molybdenum	ppm	█ 1	---	---	---
Nickel	ppm	█ 5	---	---	---
Titanium	ppm	█ 7	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 8	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 92	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 377	---	---	---
Phosphorus	ppm	█ 378	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

Diagnosis

We advise that you check all areas where dirt can enter the system. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. Aluminum, chromium, copper and iron ppm levels are abnormal. Cylinder wear is indicated. Ring wear is indicated. Bearing and/or bushing wear is indicated. There is a moderate amount of visible silt present in the sample. There is a moderate concentration of dirt present in the oil. The AN level is acceptable for this fluid. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: VOLVO6244
Unique No: 10562575
Signed: Angela Borella
Report Date: 19 Jul 2023

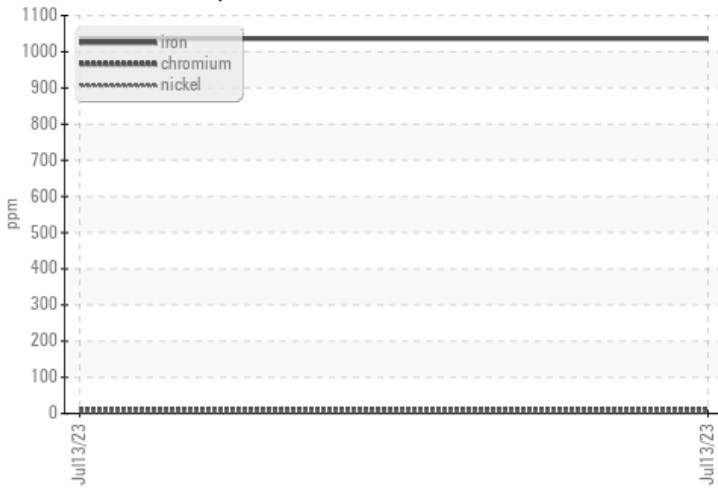


CONSTRUCTION EQUIPMENT

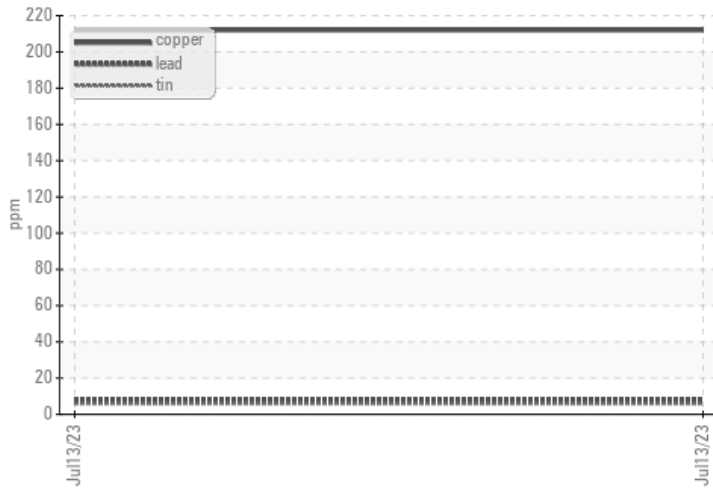


GRAPHS

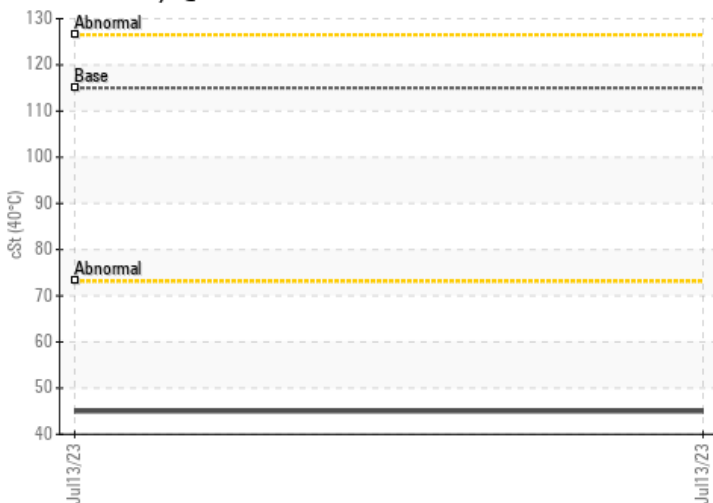
▲ Ferrous Alloys



▲ Non-ferrous Metals



Viscosity @ 40°C



Acid Number

