



CONSTRUCTION EQUIPMENT

SWO-063977 CATERPILLAR 769C 01X06337 - TRANSMISSION



Sample No: VCP369089
Oil Type: NOT GIVEN
Job No: SWO-063977



SAMPLE INFORMATION

Sample Number	VCP369089	---	---	---
Sample Date	24 Jul 2023	---	---	---
Machine Hours	3379	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	SEVERE	---	---	---

WHITAKER CONTRACTING

692 CONVICT CAMP RD
GUNTERVILLE, AL
US 35976
Contact: BROTHER WHITAKER
BrotherWhitaker@whitaker-contracting.com
T: (256)298-3905
F:



OIL CONDITION

Visc @ 40°C	cSt	■ 58.5	---	---	---
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CONTAMINATION

Silicon	ppm	■ 20	---	---	---
Sodium	ppm	■ 11	---	---	---
Potassium	ppm	■ 5	---	---	---

Diagnosis

Oil and filter change at the time of sampling has been noted. We recommend an early resample to monitor this condition. Clutch and/or bushing/bearing wear is indicated. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	■ 26	---	---	---
Copper	ppm	● 583	---	---	---
Lead	ppm	■ 1	---	---	---
Tin	ppm	■ 1	---	---	---
Aluminum	ppm	■ 1	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	7	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	1308	---	---	---
Magnesium	ppm	57	---	---	---
Zinc	ppm	726	---	---	---
Phosphorus	ppm	631	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	14	---	---	---

Depot: WHIGUN
Unique No: 10575873
Signed: Don Baldrige
Report Date: 30 Jul 2023



CONSTRUCTION EQUIPMENT

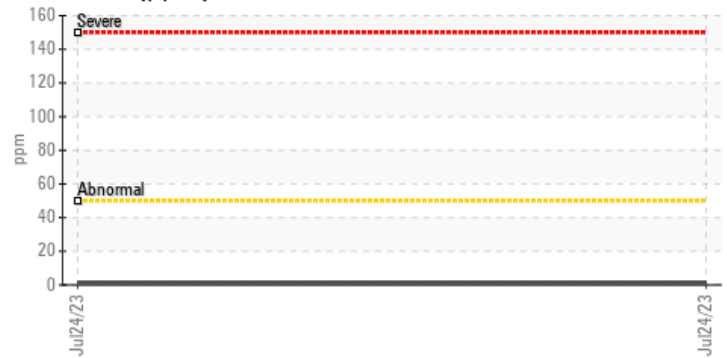


GRAPHS

Iron (ppm)



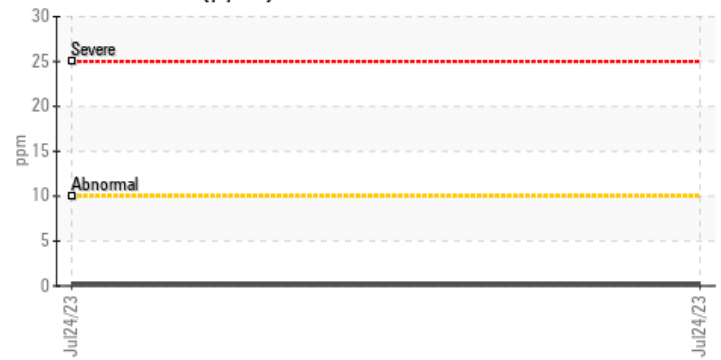
Lead (ppm)



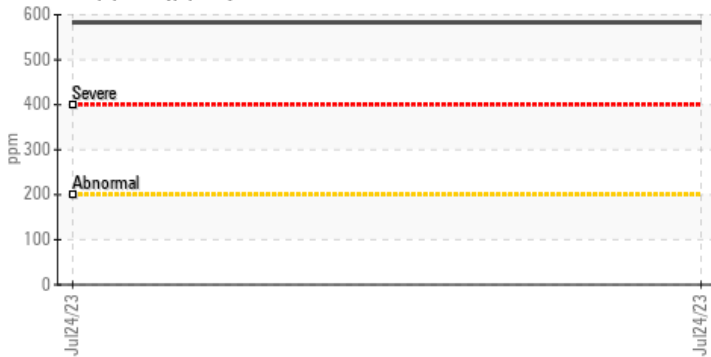
Aluminum (ppm)



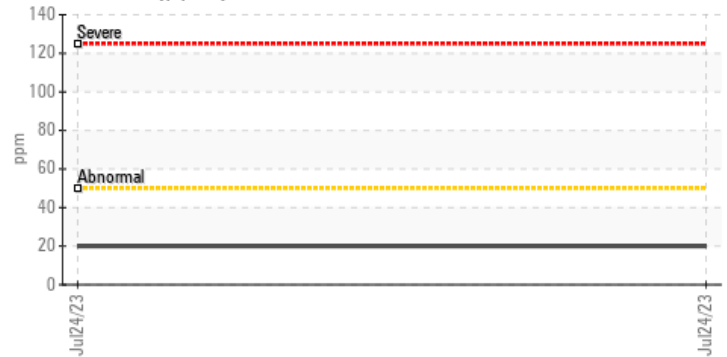
Chromium (ppm)



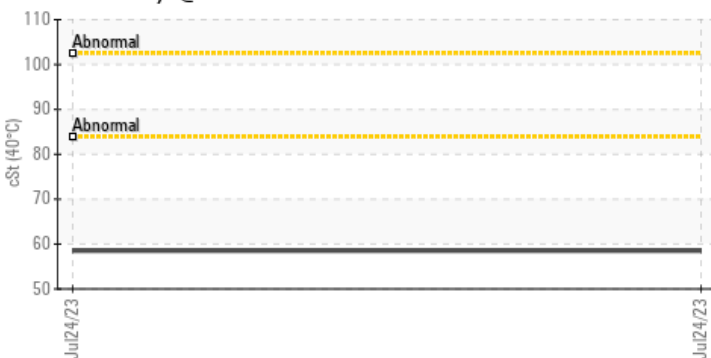
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

