



CONSTRUCTION EQUIPMENT

WASTE MANAGEMENT 383672 CATERPILLAR 914G 201136 - DIESEL ENGINE



Sample No: VCP430021
Oil Type: DIESEL ENGINE OIL SAE 30
Job No: 383672



SAMPLE INFORMATION

Sample Number	VCP430021	---	---	---
Sample Date	02 Nov 2023	---	---	---
Machine Hours	6660	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

STRONGCO EQUIPMENT-EDMONTON

25616 117 Ave NW

Acheson, AB

CA T7X 6C2

Contact: Jesse Patenaude

jpatenaude@strongco.com

T: (780)948-3515

F: (780)417-2615



OIL CONDITION

Visc @ 100°C	cSt	█ 11.9	---	---	---
Oxidation (PA)	%	█ 53	---	---	---



CONTAMINATION

Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	█ 38	---	---	---
Sulfation (PA)	%	█ 50	---	---	---
Glycol	%	█ NEG	---	---	---
Fuel	%	█ 0.7	---	---	---
Silicon	ppm	█ 5	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 0	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DIESEL ENGINE OIL SAE 30. Please confirm.

All component wear rates are normal. Fuel content negligible. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	█ 4	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 53	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	█ 0	---	---	---



ADDITIVES

Calcium	ppm	█ 1109	---	---	---
Magnesium	ppm	█ 877	---	---	---
Zinc	ppm	█ 1140	---	---	---
Phosphorus	ppm	█ 973	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 2	---	---	---

Depot: VOLVO3908

Unique No: 5671659

Signed: Wes Davis

Report Date: 08 Nov 2023



CONSTRUCTION EQUIPMENT



GRAPHS

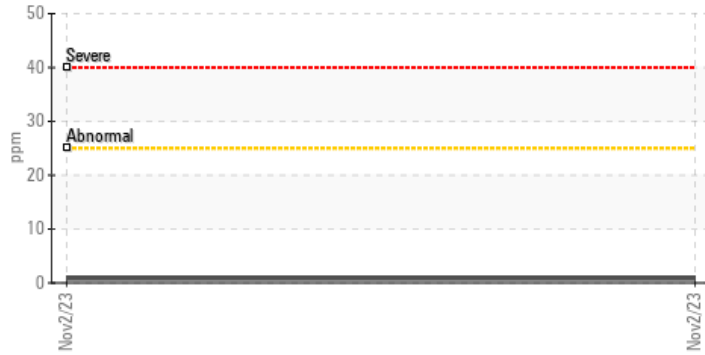
Iron (ppm)



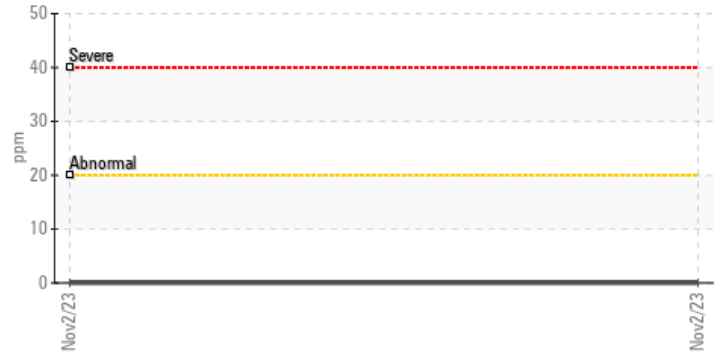
Lead (ppm)



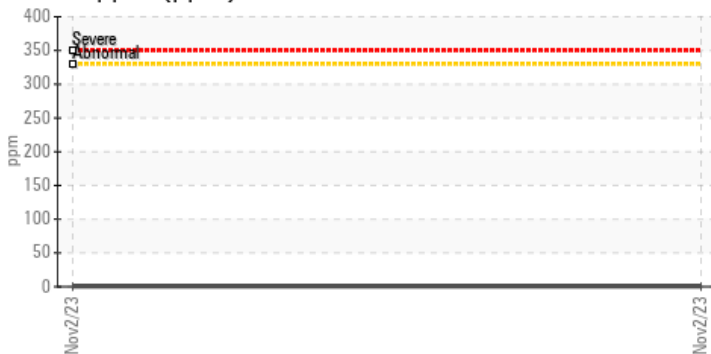
Aluminum (ppm)



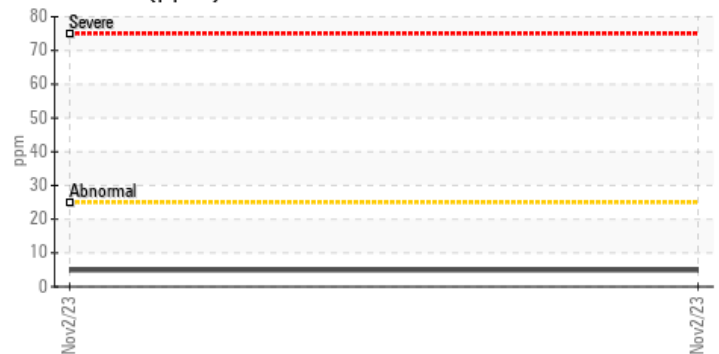
Chromium (ppm)



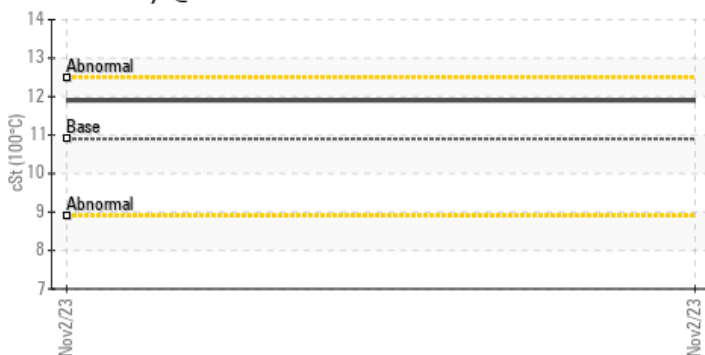
Copper (ppm)



Silicon (ppm)



Viscosity @ 100°C



Soot %

