



CONSTRUCTION EQUIPMENT

E15307 TRAVIS DIONNE PONSSE A1305625 - HYDRAULIC SYSTEM



Sample No: VCP427111
Oil Type: PONSSE ALL SEASONS 46W
Job No: E15307 TRAVIS DIONNE



SAMPLE INFORMATION

Sample Number	VCP427111	VCP419200	---	---
Sample Date	12 Apr 2024	17 Nov 2023	---	---
Machine Hours	2089	239	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Chngd	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

CHADWICK-BAROSS INC

314 MAIN STREET
 CARIBOU, ME
 US 04736
 Contact: ADAM THERIAULT
 theriault@chadwick-baross.com
 T:
 F: (207)498-6596



OIL CONDITION

Visc @ 40°C	cSt	█ 41.9	█ 43.2	---	---
Acid Number (AN)	mg KOH/g	█ 0.41	█ 0.43	---	---



CONTAMINATION

Water	%	NEG	NEG	---	---
Particles >4µm		▲ 14658	▲ 10333	---	---
Particles >6µm		▲ 2529	▲ 2621	---	---
Particles >14µm		█ 88	█ 116	---	---
ISO 4406:1999 (c)		21/19/14	21/19/14	---	---
Silicon	ppm	█ 1	█ <1	---	---
Sodium	ppm	█ 3	█ 0	---	---
Potassium	ppm	█ 2	█ 0	---	---

Diagnosis

The filter change at the time of sampling has been noted. We recommend an early resample to monitor this condition. All component wear rates are normal. There is a moderate amount of silt (particulates < 14 microns in size) present in the oil. The AN level is acceptable for this fluid. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.



WEAR METALS

Iron	ppm	█ 2	█ 0	---	---
Copper	ppm	█ 4	█ 2	---	---
Lead	ppm	█ <1	█ 0	---	---
Tin	ppm	█ <1	█ 0	---	---
Aluminum	ppm	█ <1	█ 0	---	---
Chromium	ppm	█ 0	█ 0	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	█ 0	█ 0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	0	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	85	58	---	---
Magnesium	ppm	3	0	---	---
Zinc	ppm	459	415	---	---
Phosphorus	ppm	379	315	---	---
Barium	ppm	0	0	---	---
Boron	ppm	3	0	---	---

Depot: VOLVO0010
Unique No: 10983079
Signed: Wes Davis
Report Date: 19 Apr 2024

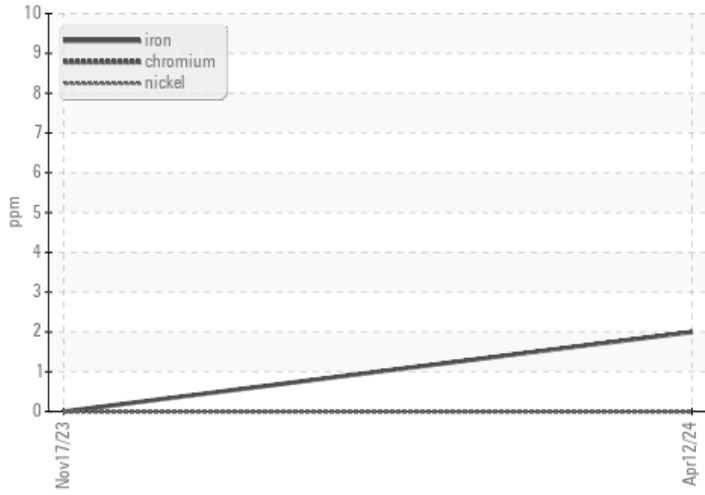


CONSTRUCTION EQUIPMENT

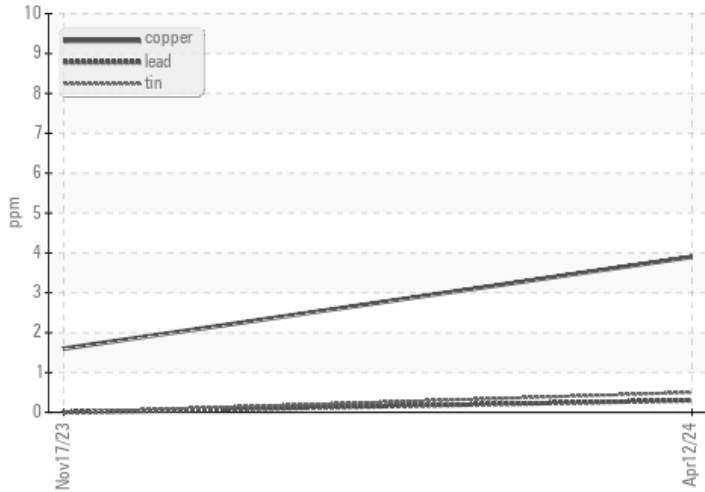


GRAPHS

Ferrous Alloys



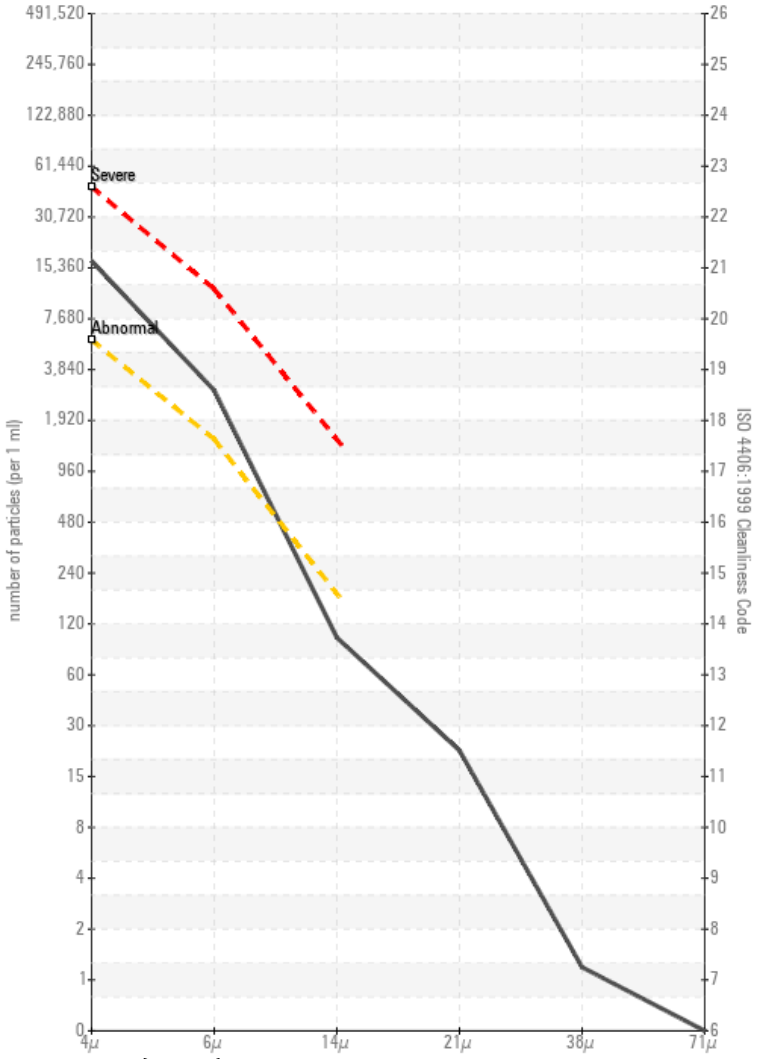
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

