



CONSTRUCTION EQUIPMENT

E15135 TRAVIS DIONNE PONSEE A1305625 - HYDRAULIC SYSTEM



Sample No: VCP419200
Oil Type: PONSSE ALL SEASON 46
Job No: E15135 TRAVIS DIONNE



SAMPLE INFORMATION

Sample Number	VCP419200	---	---	---
Sample Date	17 Nov 2023	---	---	---
Machine Hours	239	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

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OIL CONDITION

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



CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		▲ 10333	---	---	---
Particles >6µm		▲ 2621	---	---	---
Particles >14µm		█ 116	---	---	---
ISO 4406:1999 (c)		21/19/14	---	---	---
Silicon	ppm	█ <1	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 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	█ 0	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	< 1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	58	---	---	---
Magnesium	ppm	0	---	---	---
Zinc	ppm	415	---	---	---
Phosphorus	ppm	315	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	0	---	---	---

Depot: VOLVO0010
Unique No: 10807484
Signed: Wes Davis
Report Date: 29 Dec 2023

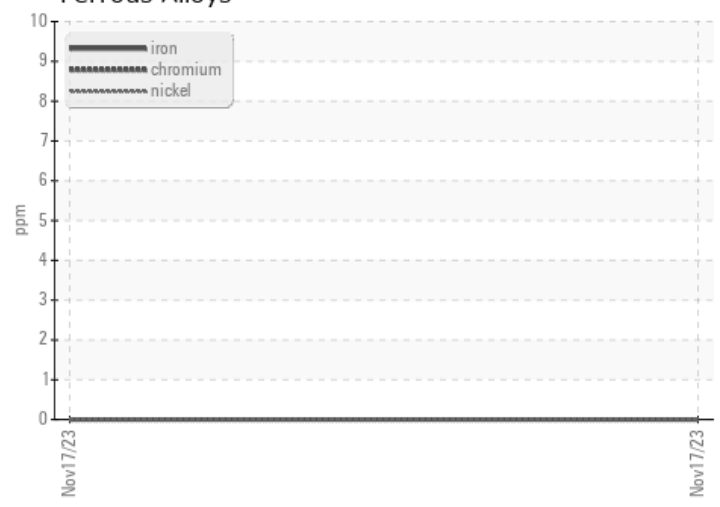


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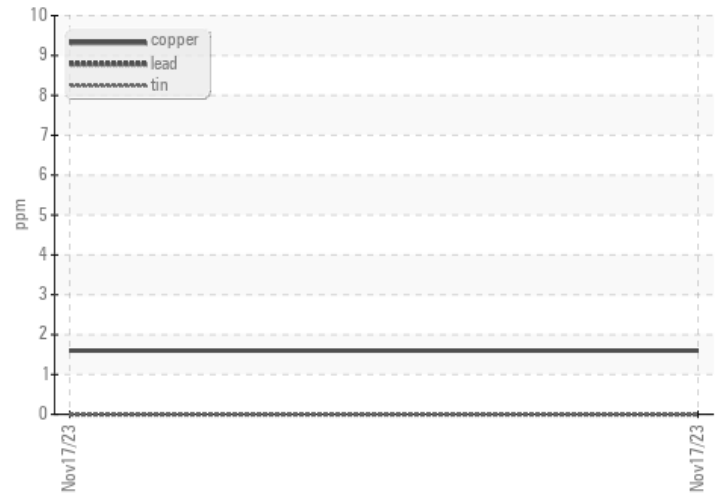


GRAPHS

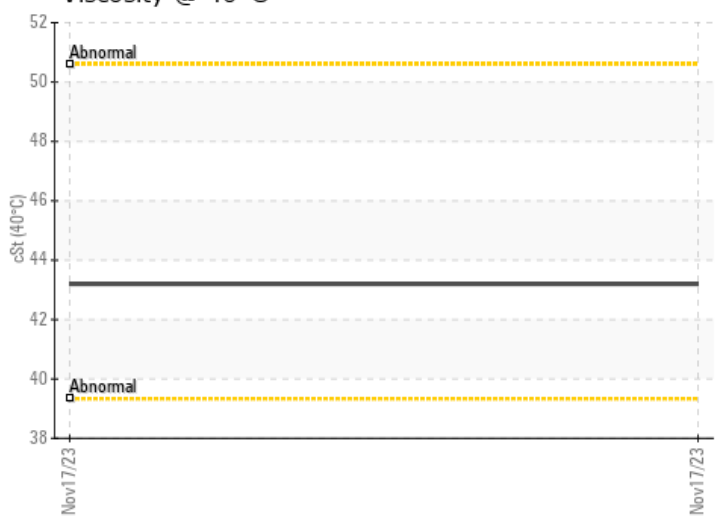
Ferrous Alloys



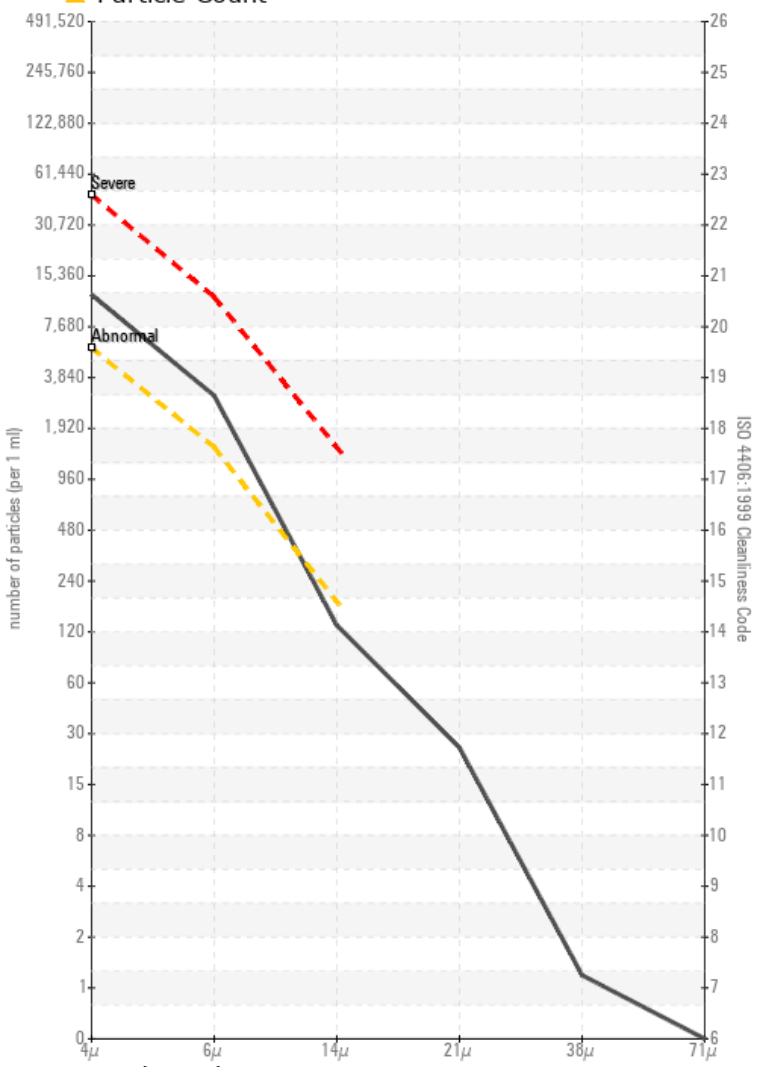
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

