



CONSTRUCTION EQUIPMENT

SWA333590 PETERSON 5710E 40E-288-2736 - HYDRAULIC SYSTEM



Sample No: VCP426732
Oil Type: NOT GIVEN
Job No: SWA333590



SAMPLE INFORMATION

Sample Number	VCP426732	---	---	---
Sample Date	18 Aug 2023	---	---	---
Machine Hours	616	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

ALTA EQUIPMENT COMPANY

5151 DR MARTIN LUTHER KING BLVD
FORT MYERS, FL
US 33905
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T:
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OIL CONDITION

Visc @ 40°C	cSt	■ 53.5	---	---	---
Acid Number (AN)	mg KOH/g	■ 0.99	---	---	---



CONTAMINATION

Particles >4µm		▲ 30368	---	---	---
Particles >6µm		■ 1136	---	---	---
Particles >14µm		■ 58	---	---	---
ISO 4406:1999 (c)		22/17/13	---	---	---
Silicon	ppm	■ 14	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ 2	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The iron level is abnormal. There is a high amount of silt (particulates < 6 microns in size) present in the oil. The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	▲ 29	---	---	---
Copper	ppm	■ <1	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 1	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	3310	---	---	---
Magnesium	ppm	19	---	---	---
Zinc	ppm	1343	---	---	---
Phosphorus	ppm	1055	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	107	---	---	---

Depot: VOLVO0090
Unique No: 10620121
Signed: Doug Bogart
Report Date: 28 Aug 2023

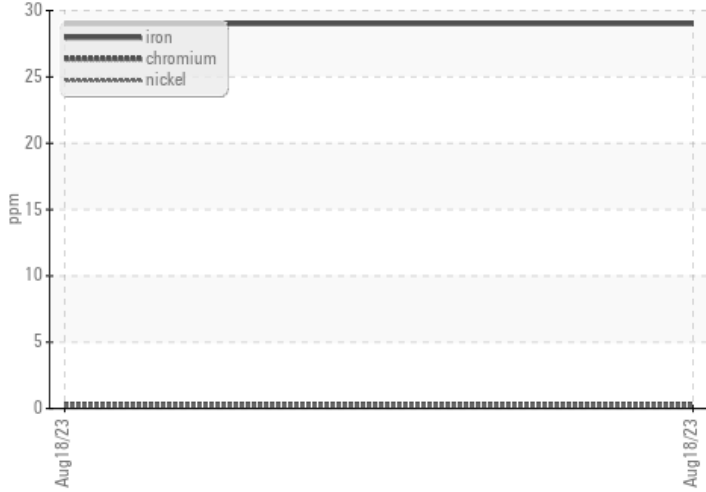


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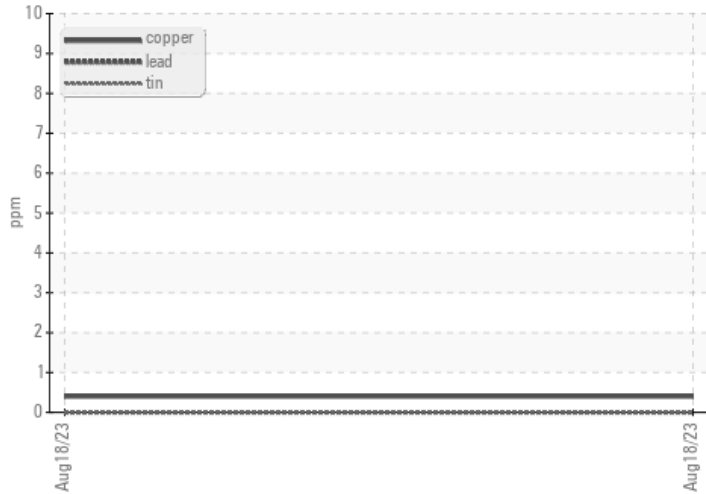


VOLVO GRAPHS

▲ Ferrous Alloys



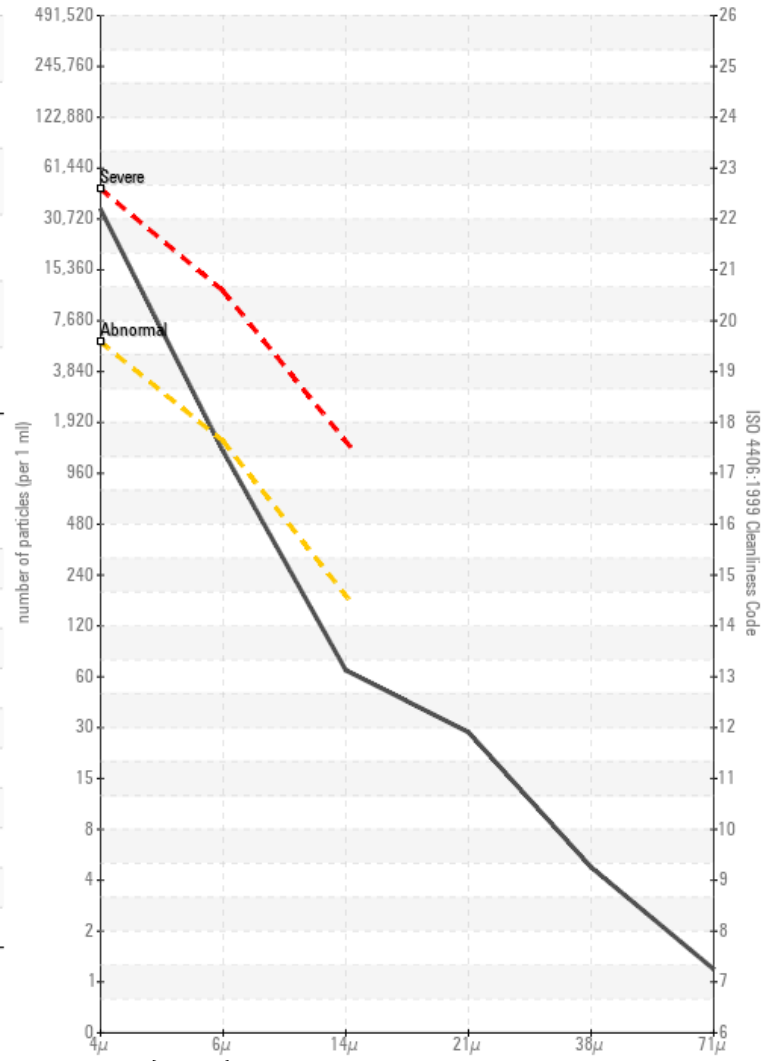
Non-ferrous Metals



Viscosity @ 40°C



▲ Particle Count



Acid Number

