



CONSTRUCTION EQUIPMENT

294 JOHN DEERE 333206 - RIGHT HYDRAULIC SYSTEM



Sample No: VCP423063
Oil Type: SHELL TELLUS S2 MX 46
Job No: 294



SAMPLE INFORMATION

Sample Number	VCP423063	---	---	---
Sample Date	07 Sep 2023	---	---	---
Machine Hours	6629	---	---	---
Oil Hours	1000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

TOTAL DEVELOPMENT SOLUTIONS LLC
 7805 PROGRESS CT
 GAINESVILLE, VA
 US 20155
 Contact: JOE SEALE
 jseale@totaldevelopmentsolutions.com
 T: (703)222-0497
 F: (703)753-4586



OIL CONDITION

Visc @ 40°C	cSt	▲ 59.66	---	---	---
Acid Number (AN)	mg KOH/g	■ 0.64	---	---	---

Diagnosis



CONTAMINATION

Particles >4µm		▲ 24669	---	---	---
Particles >6µm		▲ 8956	---	---	---
Particles >14µm		▲ 938	---	---	---
ISO 4406:1999 (c)		22/20/17	---	---	---
Silicon	ppm	■ 4	---	---	---
Sodium	ppm	■ <1	---	---	---
Potassium	ppm	■ 3	---	---	---



WEAR METALS

Iron	ppm	■ 11	---	---	---
Copper	ppm	■ 1	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ 5	---	---	---
Molybdenum	ppm	■ 10	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	■ 551	---	---	---
Magnesium	ppm	■ 35	---	---	---
Zinc	ppm	■ 807	---	---	---
Phosphorus	ppm	■ 636	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 32	---	---	---

Depot: TOTGAI
Unique No: 10657055
Signed: Jonathan Hester
Report Date: 26 Sep 2023

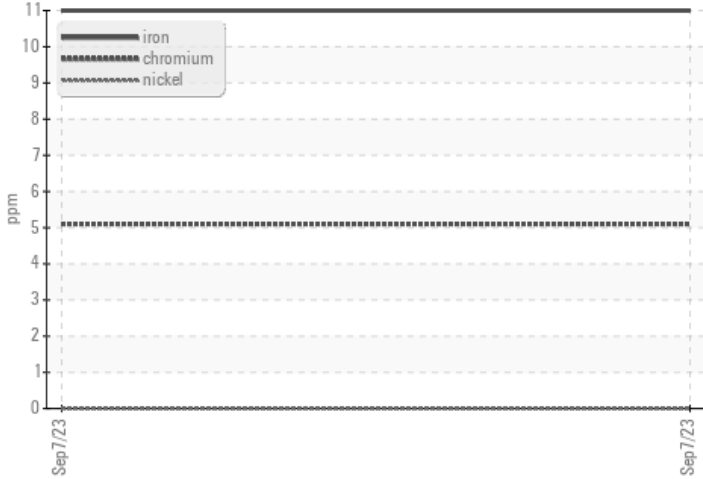


CONSTRUCTION EQUIPMENT

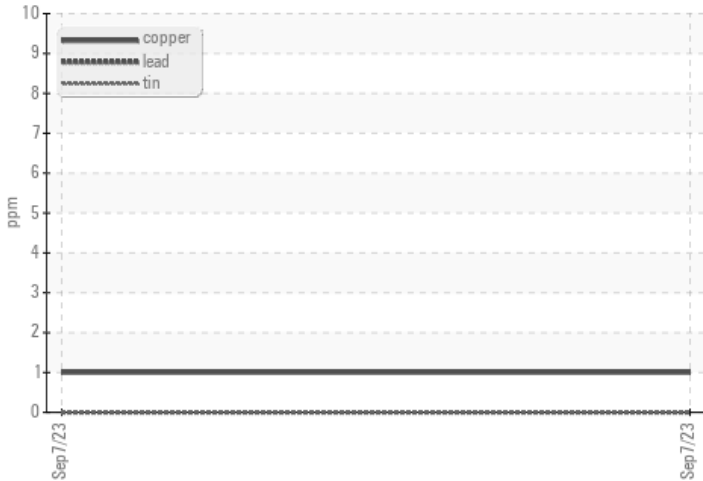


GRAPHS

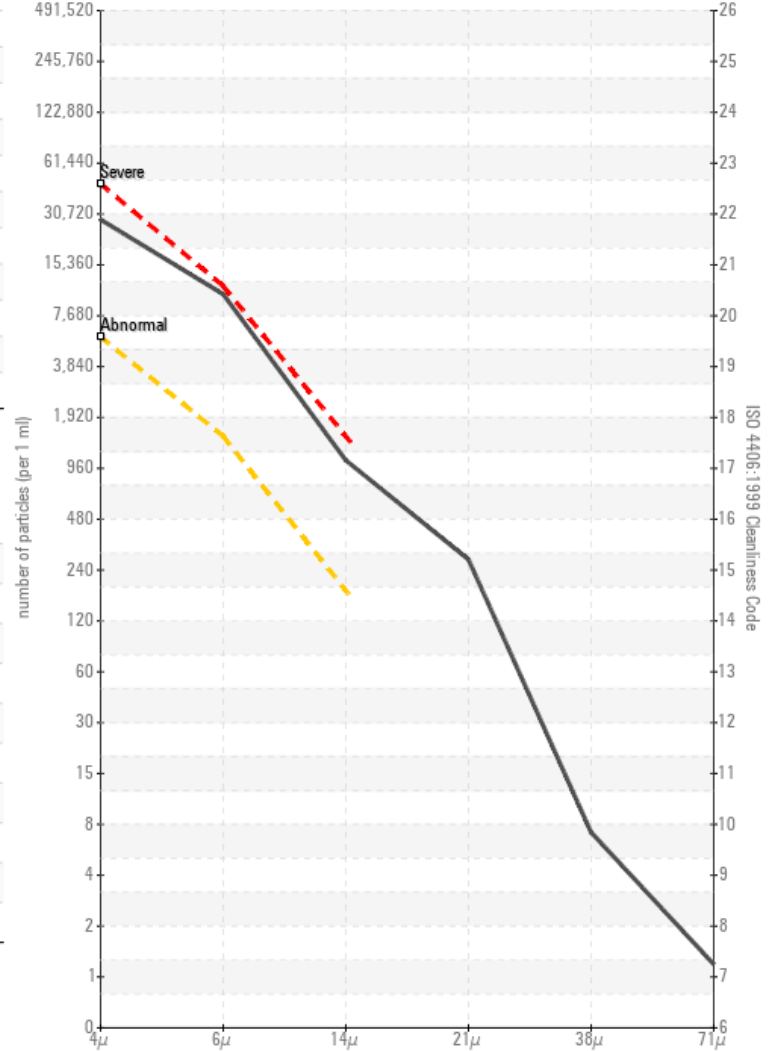
Ferrous Alloys



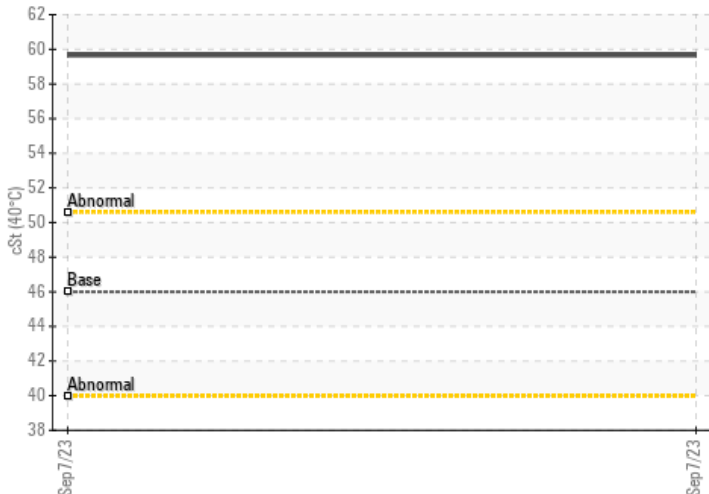
Non-ferrous Metals



Particle Count



Viscosity @ 40°C



Acid Number

