



CONSTRUCTION EQUIPMENT

HERC RENTALS S504039 VOLVO L70H 623495 - HYDRAULIC SYSTEM



Sample No: VCP453992
Oil Type: AW HYDRAULIC OIL ISO 46
Job No: HERC RENTALS S504039



VCES- VOLVO CONSTRUCTION EQUIPMENT
22099 KNABE ROAD
CORONA, CA
US 92883
Contact: OSCAR DEL CAMPO
oscar.delcampo@vcesvolvo.com
T: (951)277-7620
F: (951)277-4550



SAMPLE INFORMATION

Sample Number	VCP453992	---	---	---
Sample Date	09 Jul 2024	---	---	---
Machine Hours	2267	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 42.1	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.34	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		█ 16872	---	---	---
Particles >6µm		█ 2035	---	---	---
Particles >14µm		█ 70	---	---	---
ISO 4406:1999 (c)		21/18/13	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 2	---	---	---



WEAR METALS

Iron	ppm	█ 3	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 128	---	---	---
Magnesium	ppm	█ 4	---	---	---
Zinc	ppm	█ 431	---	---	---
Phosphorus	ppm	█ 361	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 2	---	---	---

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) AW HYDRAULIC OIL ISO 46. Please confirm.
All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Depot: VOLVO4486
Unique No: 11115733
Signed: Wes Davis
Report Date: 11 Jul 2024

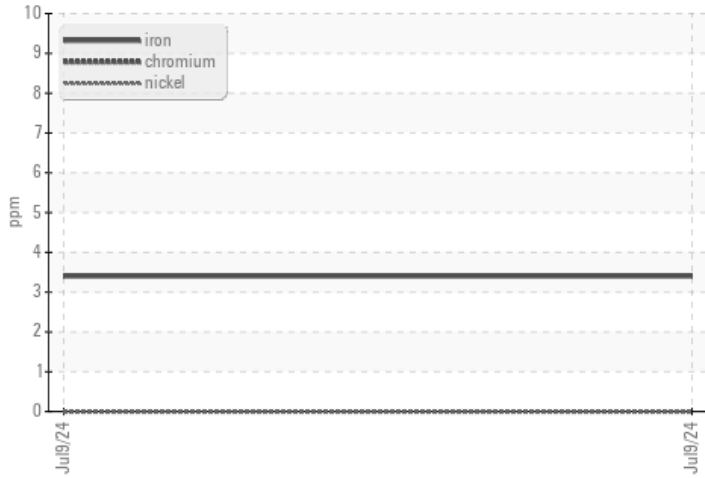


CONSTRUCTION EQUIPMENT

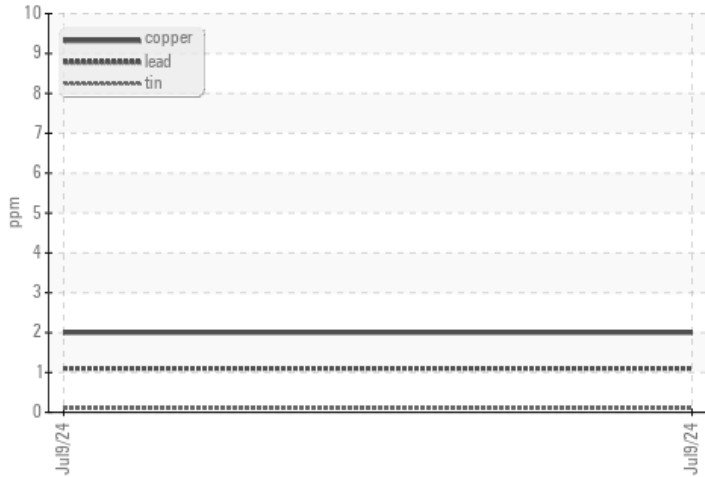


GRAPHS

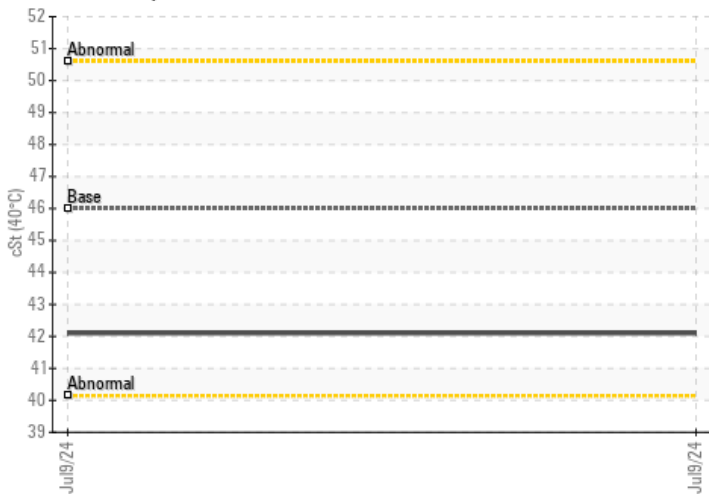
Ferrous Alloys



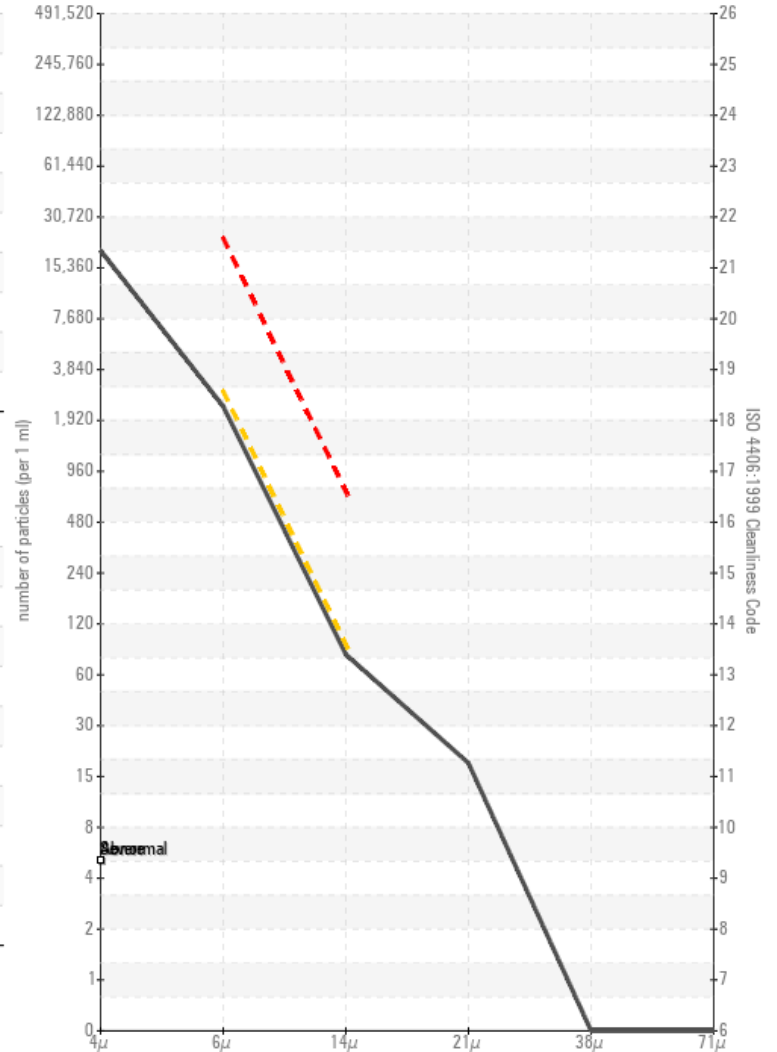
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

