



CONSTRUCTION EQUIPMENT

SPM568157 VOLVO L70F 62006 - HYDRAULIC SYSTEM



Sample No: VCP398766
Oil Type: AW HYDRAULIC OIL ISO 10
Job No: SPM568157



SAMPLE INFORMATION

Sample Number	VCP398766	---	---	---
Sample Date	30 Jun 2023	---	---	---
Machine Hours	15656	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

WASTE MANAGEMENT SERVICE

MILAM RDF, 601 MADISON ROAD
 EAST SAINT LOUIS, IL
 US 62201
 Contact: KIRK SCHMIDT
 kschmid4@wm.com
 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	█ 45.4	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.47	---	---	---



CONTAMINATION

Particles >4µm		8403	---	---	---
Particles >6µm		█ 782	---	---	---
Particles >14µm		█ 20	---	---	---
ISO 4406:1999 (c)		20/17/11	---	---	---
Silicon	ppm	█ 1	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ <1	---	---	---

Diagnosis

Resample at the next service interval to monitor. 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.



WEAR METALS

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



ADDITIVES

Calcium	ppm	█ 218	---	---	---
Magnesium	ppm	█ 16	---	---	---
Zinc	ppm	█ 476	---	---	---
Phosphorus	ppm	█ 385	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

Depot: WASEASIL
Unique No: 10560649
Signed: Wes Davis
Report Date: 17 Jul 2023



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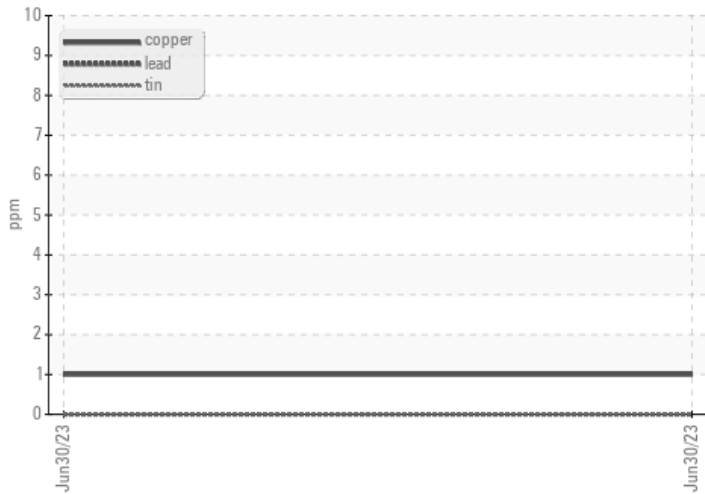


GRAPHS

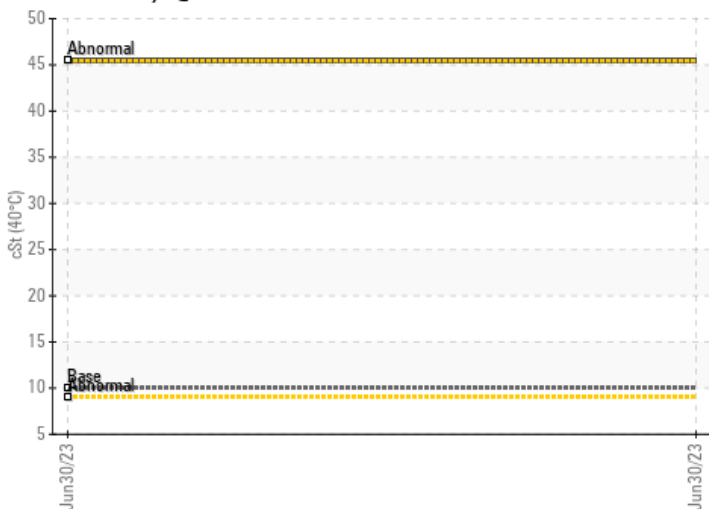
Ferrous Alloys



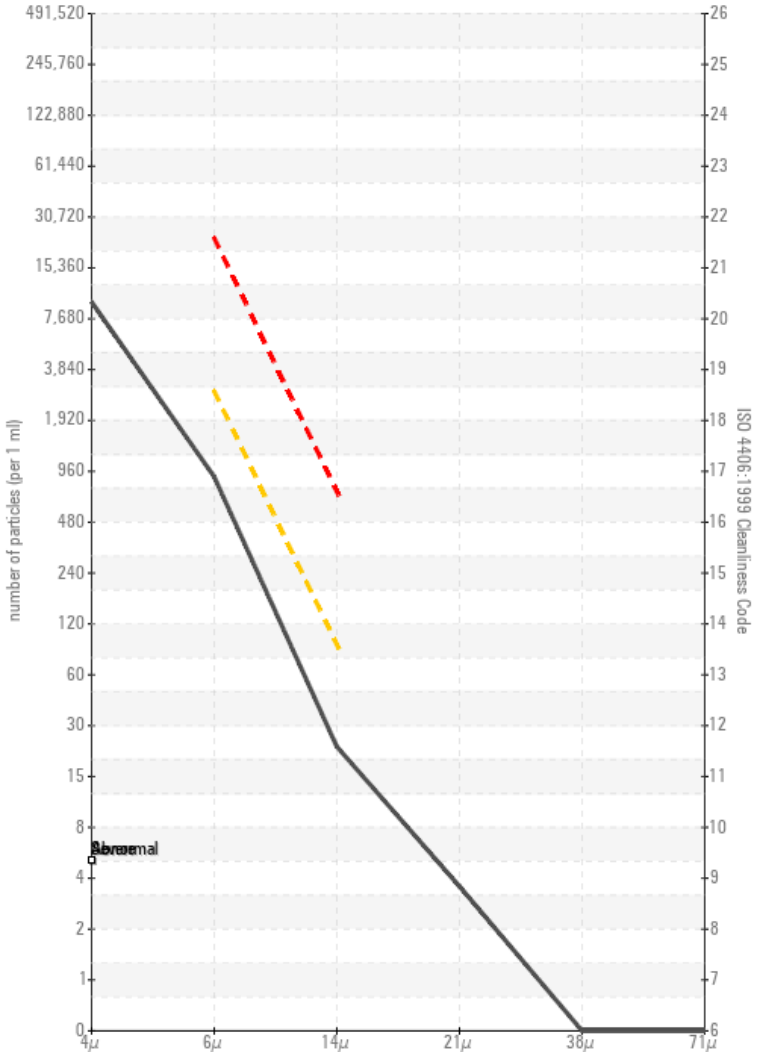
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

