



CONSTRUCTION EQUIPMENT

REGION OF PEEL 8-371246 VOLVO L60H 622563 - HYDRAULIC SYSTEM



Sample No: VCP392252
Oil Type: AW HYDRAULIC OIL ISO 46
Job No: 8-371246



STRONGCO EQUIPMENT INC.
1640 ENTERPRISE ROAD
MISSISSAUGA, ON
CA L4W 4L4
Contact: Janice Cripps
jcripps@strongco.com
T: (905)565-3876
F: (905)670-2338



SAMPLE INFORMATION

Sample Number	VCP392252	---	---	---
Sample Date	14 Jul 2023	---	---	---
Machine Hours	4030	---	---	---
Oil Hours	2000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 40.6	---	---	---
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CONTAMINATION

Particles >4µm		995	---	---	---
Particles >6µm		█ 298	---	---	---
Particles >14µm		█ 30	---	---	---
ISO 4406:1999 (c)		17/15/12	---	---	---
Silicon	ppm	█ 5	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 2	---	---	---



WEAR METALS

Iron	ppm	█ 11	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 65	---	---	---
Magnesium	ppm	█ 3	---	---	---
Zinc	ppm	█ 428	---	---	---
Phosphorus	ppm	█ 361	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ <1	---	---	---

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 condition of the oil is acceptable for the time in service.

Depot: SHEMIS
Unique No: 5615991
Signed: Wes Davis
Report Date: 20 Jul 2023

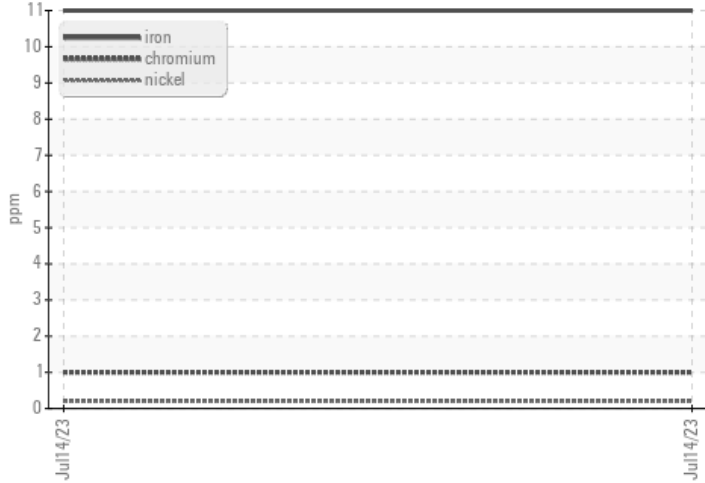


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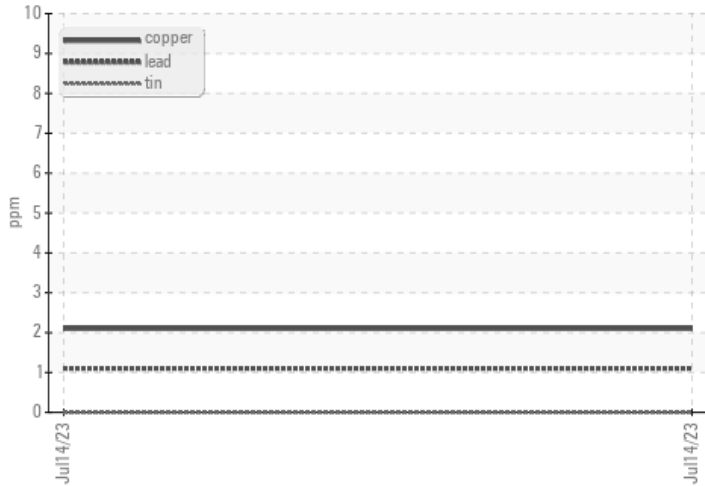


VOLVO GRAPHS

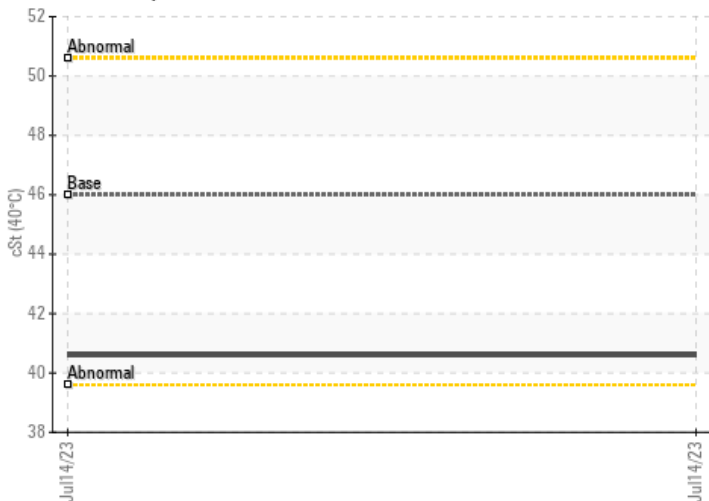
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

