



CONSTRUCTION EQUIPMENT

SWO58757 FIVE STONE VOLVO A40G 352193 - HYDRAULIC SYSTEM



Sample No: VCP289145
Oil Type: AW HYDRAULIC OIL ISO 46
Job No: SWO58757 FIVE STONE



SAMPLE INFORMATION

Sample Number	VCP289145	---	---	---
Sample Date	08 Oct 2020	---	---	---
Machine Hours	1061	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

ALTA EQUIPMENT COMPANY
 5210 REESE ROAD
 DAVIE, FL
 US 33314
 Contact: GERMAN BLANDON
 gblandon@flaglerce.com
 T: (954)581-4744
 F: (954)583-0318



OIL CONDITION

Visc @ 40°C	cSt	█ 42.1	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.620	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		█ 2439	---	---	---
Particles >6µm		█ 712	---	---	---
Particles >14µm		█ 88	---	---	---
ISO 4406:1999 (c)		18/17/14	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	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 AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



WEAR METALS

Iron	ppm	█ 4	---	---	---
Copper	ppm	█ 4	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 49	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 432	---	---	---
Phosphorus	ppm	█ 317	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 4	---	---	---

Depot: VOLVO0095
Unique No: 9207512
Signed: Wes Davis
Report Date: 13 Oct 2020

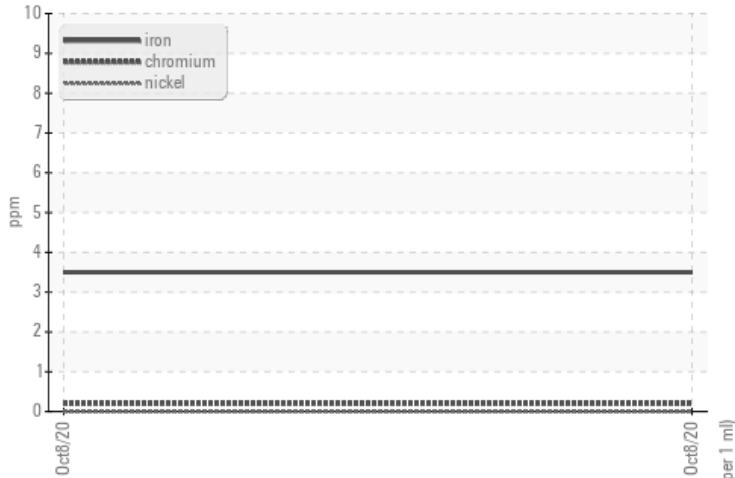


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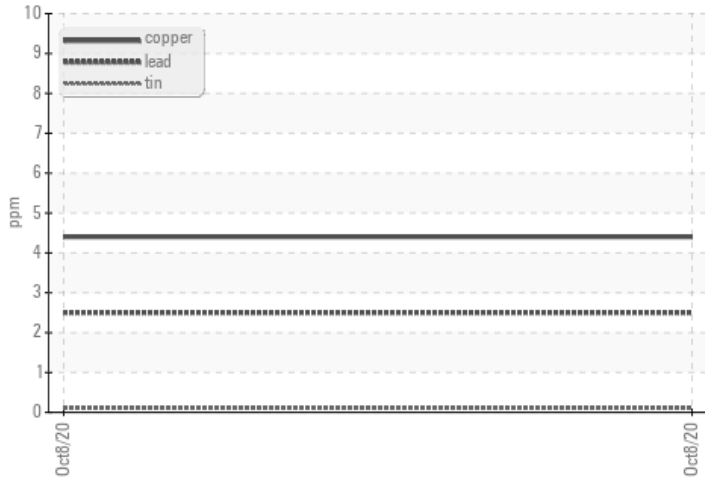


GRAPHS

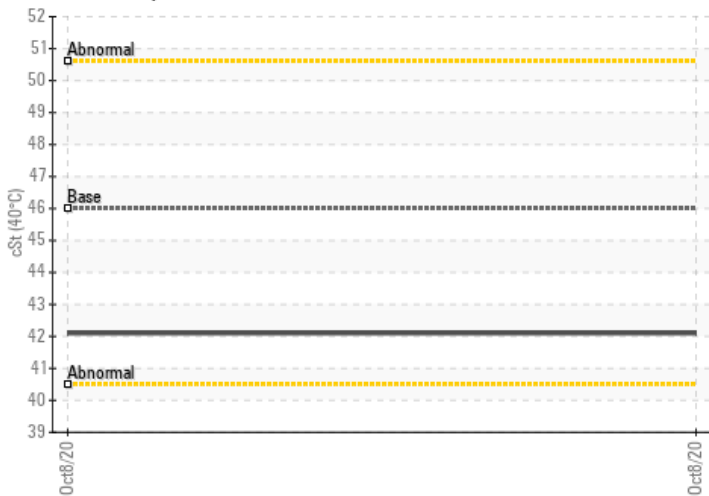
Ferrous Alloys



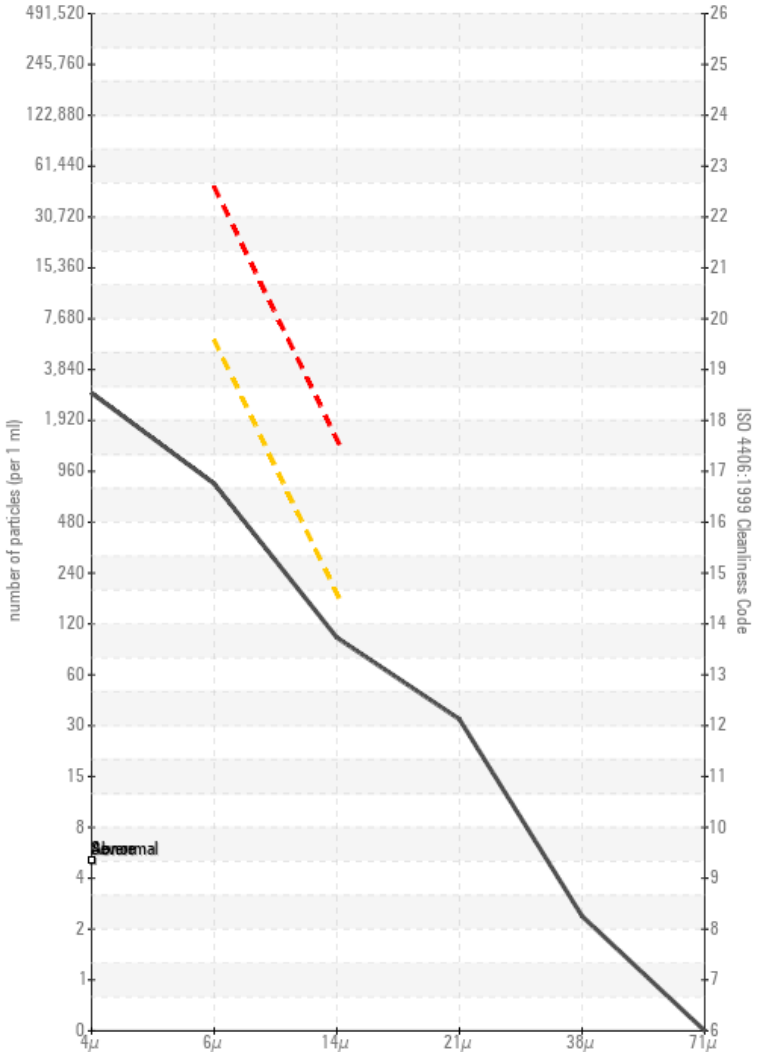
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

