



# CONSTRUCTION EQUIPMENT

386327 TRIDEN ASV RT135 FORESTRY ASVRT135JNDF00309 - HYDRAULIC SYSTEM



**Sample No:** VCP432494  
**Oil Type:** ASV VG 46  
**Job No:** 386327 TRIDEN



## SAMPLE INFORMATION

Sample Number	VCP432494	---	---	---
Sample Date	16 Oct 2023	---	---	---
Machine Hours	267	---	---	---
Oil Hours	267	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ATTENTION	---	---	---

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## OIL CONDITION

Visc @ 40°C	cSt	█ 45.4	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.18	---	---	---



## CONTAMINATION

Particles >4µm		▲ 7449	---	---	---
Particles >6µm		█ 521	---	---	---
Particles >14µm		█ 17	---	---	---
ISO 4406:1999 (c)		20/16/11	---	---	---
Silicon	ppm	█ 2	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 1	---	---	---

### Diagnosis

No corrective action is recommended at this time. The filter change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is a moderate amount of silt (particulates < 14 microns in size) present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



## WEAR METALS

Iron	ppm	█ 6	---	---	---
Copper	ppm	█ 4	---	---	---
Lead	ppm	█ 3	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	28	---	---	---
Magnesium	ppm	2	---	---	---
Zinc	ppm	65	---	---	---
Phosphorus	ppm	87	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	0	---	---	---

**Depot:** VOLVO0093  
**Unique No:** 10737955  
**Signed:** Don Baldrige  
**Report Date:** 14 Nov 2023

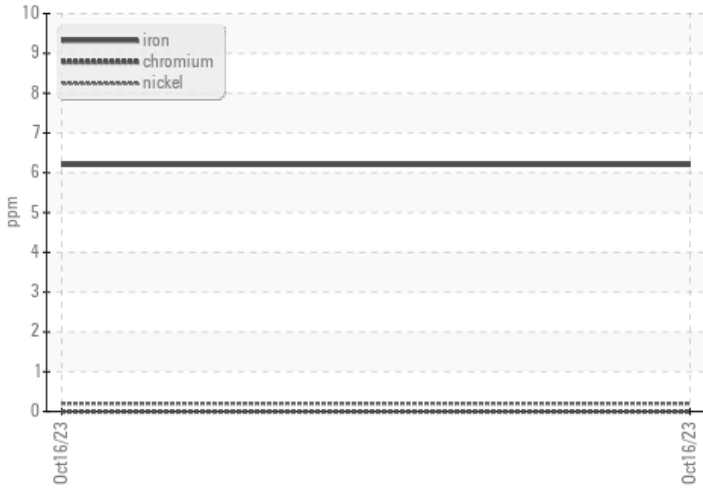


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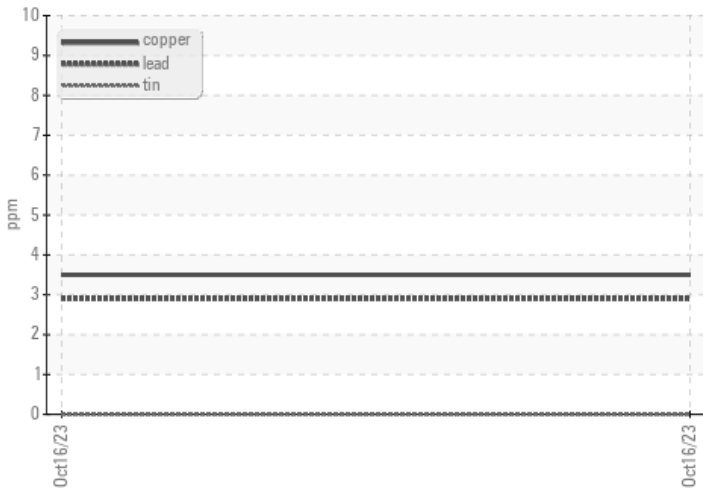


## GRAPHS

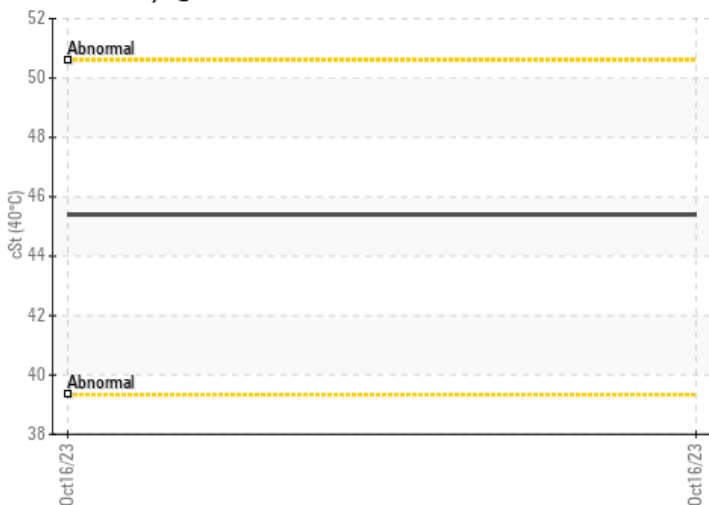
### Ferrous Alloys



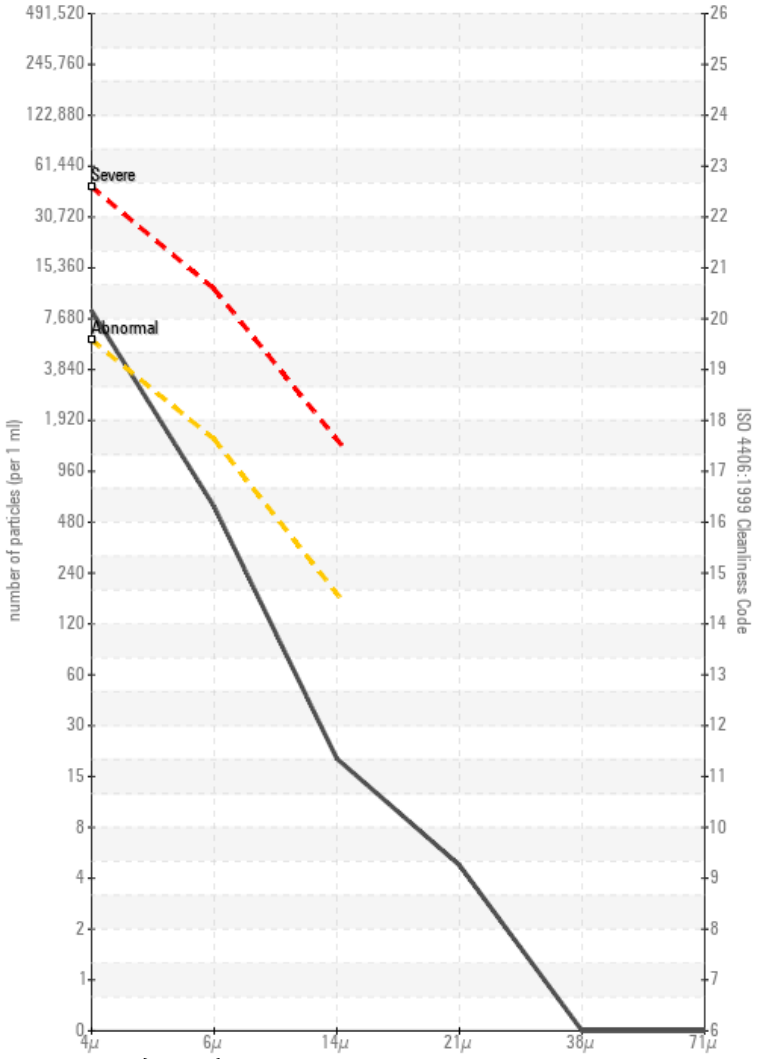
### Non-ferrous Metals



### Viscosity @ 40°C



### Particle Count



### Acid Number

