



# CONSTRUCTION EQUIPMENT

## 660719 STONE CO VOLVO L260H 1244 - HYDRAULIC SYSTEM



**Sample No:** VCP453966  
**Oil Type:** VOLVO SUPER HYDRAULIC OIL 46  
**Job No:** 660719 STONE CO



### SAMPLE INFORMATION

Sample Number	VCP453966	VCP407927	VCP366079	VCP312707
Sample Date	14 Mar 2024	08 Jun 2023	21 Sep 2022	15 Nov 2021
Machine Hours	7815	5879	4004	2006
Oil Hours	4000	2000	4000	2006
Oil Changed	Changed	Not Chngd	Changed	Not Chngd
Sample Status	ABNORMAL	ATTENTION	ABNORMAL	ABNORMAL

**ALTA EQUIPMENT COMPANY - METRO WEST**  
 56195 PONTIAC TRAIL  
 NEW HUDSON, MI  
 US 48165  
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### OIL CONDITION

Visc @ 40°C	cSt	41.2	41.2	41.3	42.0
Acid Number (AN)	mg KOH/g	0.40	0.43	0.34	0.339



### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Particles >4µm		▲ 29683	● 7824	▲ 27703	▲ 29731
Particles >6µm		▲ 5435	● 2224	▲ 8680	▲ 7345
Particles >14µm		▲ 367	■ 149	▲ 975	▲ 619
ISO 4406:1999 (c)		22/20/16	20/18/14	22/20/17	22/20/16
Silicon	ppm	■ 4	■ 3	■ 2	■ 1
Sodium	ppm	■ 4	■ 1	■ 4	■ 0
Potassium	ppm	■ <1	■ <1	■ 7	■ <1

### Diagnosis

The filter change at the time of sampling has been noted. We recommend an early resample to monitor this condition. 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 oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.



### WEAR METALS

Iron	ppm	■ 5	■ 4	■ 4	■ 3
Copper	ppm	■ 2	■ 1	■ 2	■ 2
Lead	ppm	■ <1	■ <1	■ 2	■ 1
Tin	ppm	■ <1	■ 0	■ 0	■ <1
Aluminum	ppm	■ 2	■ 1	■ 0	■ <1
Chromium	ppm	■ <1	■ <1	■ <1	■ <1
Molybdenum	ppm	■ <1	■ <1	■ <1	■ 0
Nickel	ppm	■ 0	■ <1	■ 0	■ 0
Titanium	ppm	■ 0	■ 0	■ 0	■ 0
Silver	ppm	■ 0	■ 0	■ 0	■ 0
Manganese	ppm	■ <1	■ 0	■ 0	■ <1
Vanadium	ppm	■ 0	■ 0	■ <1	■ 0



### ADDITIVES

Calcium	ppm	■ 31	■ 30	■ 45	■ 51
Magnesium	ppm	■ 3	■ 2	■ 6	■ <1
Zinc	ppm	■ 422	■ 450	■ 305	■ 472
Phosphorus	ppm	■ 332	■ 337	■ 280	■ 327
Barium	ppm	■ 0	■ 2	■ 0	■ 0
Boron	ppm	■ 0	■ 0	■ <1	■ <1

**Depot:** VOLVO2990  
**Unique No:** 10937726  
**Signed:** Wes Davis  
**Report Date:** 24 Mar 2024

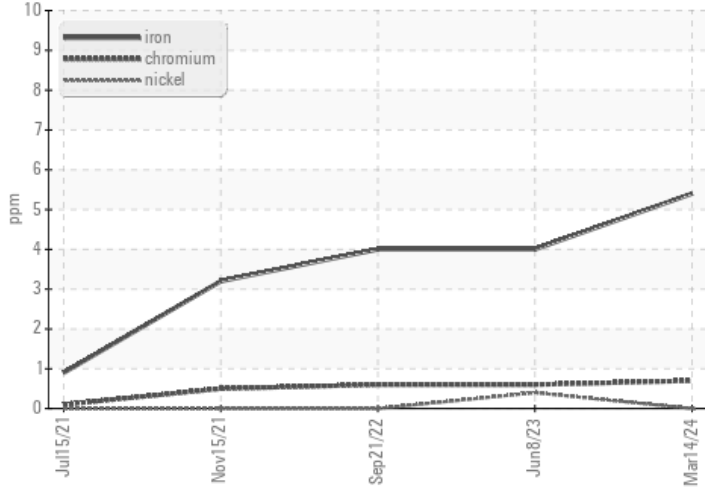


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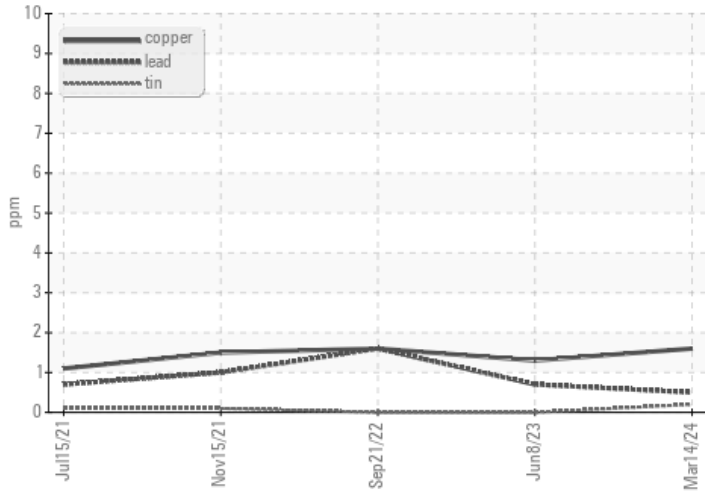


## VOLVO GRAPHS

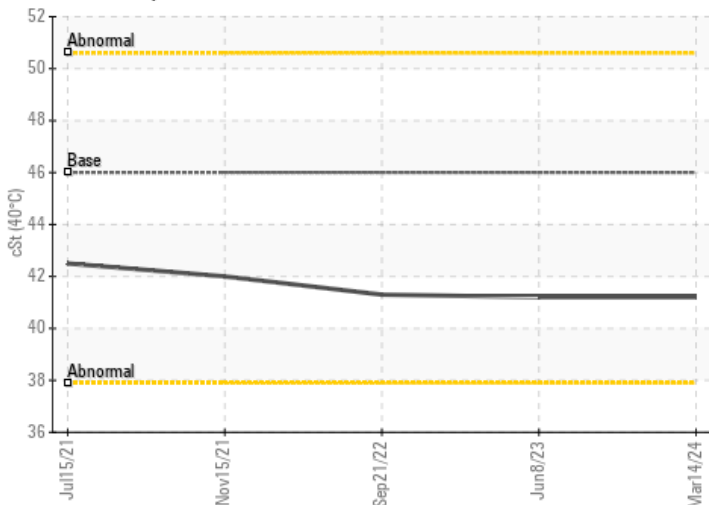
### Ferrous Alloys



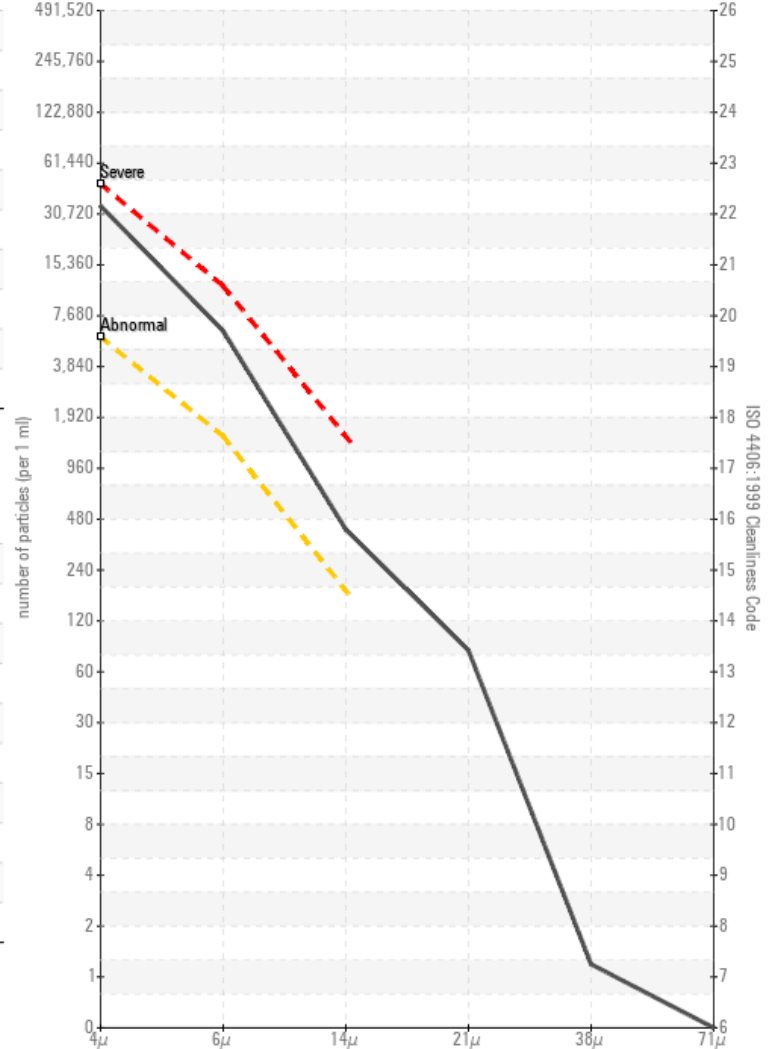
### Non-ferrous Metals



### Viscosity @ 40°C



### Particle Count



### Acid Number

